

RGP Series – General Purpose (AGM)

Versatility and reliability for volume applications.

The RGP Series represents absolute versatility in energy storage. Designed with gas recombination AGM technology, this range optimizes operational life while minimizing maintenance. Under the EUROBAT 'General Purpose' classification, it offers a 6 to 9-year design life, utilizing high-purity lead-calcium-tin alloy grids that guarantee a monthly self-discharge rate of less than 2%. It is the ideal solution for security systems, emergency lighting, and domestic UPS, offering a perfect balance between operating cost and proven technical reliability.



MODELS	NOMINAL VOLTAGE	CAPACITY	DESIGN LIFE
26	6 V, 12 V	1.2–28 Ah	9 years
WARRANTY	EUROBAT		
2 years	6-9 Years (General Purpose)		

✓ Key features

- AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- High Energy Density:** Optimized for critical and rapid discharges.
- Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- Advanced Safety:** Safety valves and reinforced ABS container.

⚙ Applications

- UPS and Data Centers**
- Security and Alarm Systems**
Backup power for alarm panels, access control and video surveillance.
- Emergency Lighting**
Power for emergency luminaires and lighting systems.

🔍 Standards and certifications

- CE CERTIFIED
- ISO 9001 / 14001
- GB/T19639
- IEC 61056
- JIS C8702

 RGP series models

Each model links to its datasheet with discharge tables, dimensions and charge parameters. Rated capacity at 25 °C; C20 = 20-hour rate.

Model	Nominal Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Weight (kgs)	Terminal
RGP6-1.2 (formerly RKE6-1.2)	6 V	1.2 Ah (C20)	97	24	52	0.3	
RGP6-4.5 (formerly RKE6-4.5)	6 V	4.5 Ah (C20)	70	47	101	0.73	
RGP6-20 (formerly RKE6-20)	6 V	20 Ah (C20)	157	83	125	3	F17
RGP12-1.2 (formerly RKE12-1.2)	12 V	1.2 Ah (C20)	97	43	52	0.52	F1
RGP12-1.3 (formerly RKE12-1.3)	12 V	1.3 Ah (C20)	97	43	52	0.55	F1
RGP12-2.3 (formerly RKE12-2.3)	12 V	2.3 Ah (C20)	178	35	61	0.9	F1
RGP12-2.6 (formerly RKE12-2.6)	12 V	2.6 Ah (C20)	70	47	101	0.85	F1
RGP12-4 (formerly RKE12-4)	12 V	4 Ah (C20)	90	70	101	1.4	
RGP12-4SE (formerly RKE12-4SE)	12 V	4 Ah (C20)	90	70	101	1.18	
RGP12-4.5 (formerly RKE12-4.5)	12 V	4.5 Ah (C20)	90	70	101	1.47	
RGP12-5 (formerly RKE12-5)	12 V	5 Ah (C20)	90	70	101	1.6	
RGP12-5.5 (formerly RKE12-5.5)	12 V	5.5 Ah (C20)	151	65	93	1.88	
RGP12-6.5 (formerly RKE12-6.5)	12 V	6.5 Ah (C20)	151	65	93	2	
RGP12-7 (formerly RKE12-7)	12 V	7 Ah (C20)	151	65	93	2.1	
RGP12-7SE (formerly RKE12-7SE)	12 V	7 Ah (C20)	151	65	93	1.8	
RGP12-7.2 (formerly RKE12-7.2)	12 V	7.2 Ah (C20)	151	65	93	2.2	
RGP12-7.5 (formerly RKE12-7.5)	12 V	7.5 Ah (C20)	151	65	93	2.35	
RGP12-9 (formerly RKE12-9)	12 V	9 Ah (C20)	151	65	94	2.55	
RGP12-10 (formerly RKE12-10)	12 V	10 Ah (C20)	151	65	110	2.8	
RGP12-12 (formerly RKE12-12)	12 V	12 Ah (C20)	151	98	95	3.6	
RGP12-17 (formerly RKE12-17)	12 V	17 Ah (C20)	181	77	167	5.1	
RGP12-18 (formerly RKE12-18)	12 V	18 Ah (C20)	181	77	167	5.4	
RGP12-20 (formerly RKE12-20)	12 V	20 Ah (C20)	181	77	167	5.7	
RGP12-24 (formerly RKE12-24)	12 V	24 Ah (C20)	166	175	125	7.8	
RGP12-26 (formerly RKE12-26)	12 V	26 Ah (C20)	166	175	125	8.3	
RGP12-28 (formerly RKE12-28)	12 V	28 Ah (C20)	165	125	175	8.6	

 Construction

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

Versatility and reliability for volume applications.

The RGP6-1.2 is a 6 V, 1.2 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 97 × 24 × 52 mm and weighs 0.3 kg. It stores 7 Wh and delivers up to 20 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE6-1.2**.

Nominal Voltage	6 V
Capacity (25°C)	1.2 Ah (C20)
Energy	7 Wh
Weight	0.3 kg
Dimensions	97 × 24 × 52 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

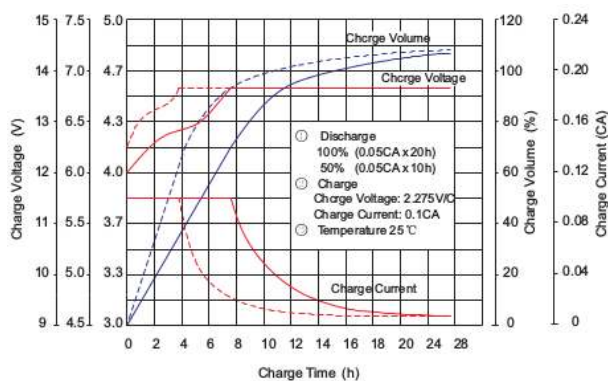
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	3A	2.35A	1.99A	1.22A	0.73A	0.316A	0.203A	0.112A	0.057A
10.80 V	3.39A	2.49A	2.04A	1.25A	0.74A	0.319A	0.205A	0.113A	0.059A
10.50 V	3.78A	2.63A	2.09A	1.27A	0.75A	0.324A	0.208A	0.115A	0.06A
10.20 V	4.15A	2.76A	2.14A	1.3A	0.77A	0.328A	0.21A	0.116A	0.061A
10.02 V	4.47A	2.88A	2.2A	1.32A	0.78A	0.331A	0.213A	0.117A	0.063A
9.60 V	4.81A	2.98A	2.28A	1.35A	0.79A	0.334A	0.216A	0.119A	0.064A

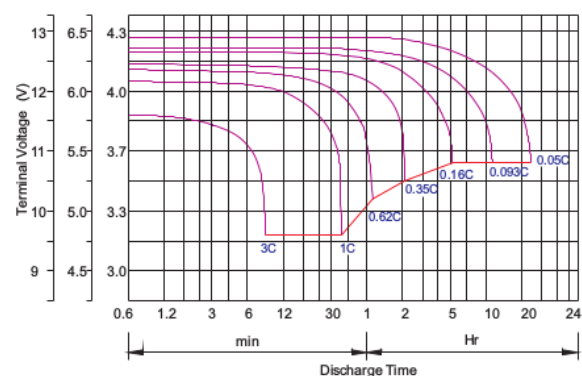
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	5.64W	4.46W	3.8W	2.35W	1.41W	0.62W	0.402W	0.224W	0.115W
10.80 V	6.27W	4.67W	3.86W	2.38W	1.42W	0.622W	0.403W	0.225W	0.117W
10.50 V	6.91W	4.89W	3.91W	2.4W	1.44W	0.626W	0.404W	0.226W	0.119W
10.20 V	7.48W	5.06W	3.97W	2.43W	1.45W	0.627W	0.407W	0.227W	0.121W
10.02 V	7.97W	5.23W	4.04W	2.46W	1.46W	0.628W	0.409W	0.228W	0.122W
9.60 V	8.47W	5.36W	4.15W	2.5W	1.47W	0.631W	0.411W	0.23W	0.123W

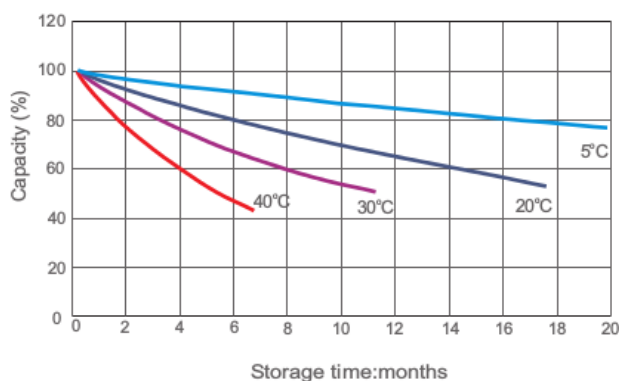
CHARGE CHARACTERISTICS



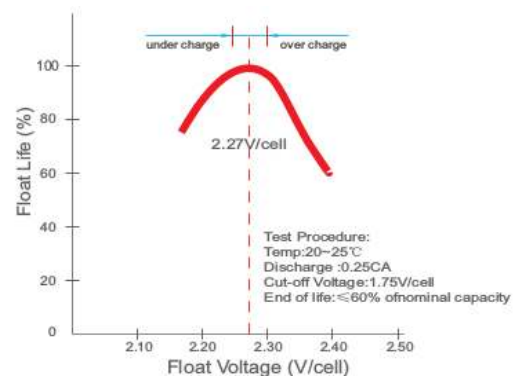
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	6 V
Capacity (25°C)	1.2 Ah (C20)
Energy	7 Wh
Cell number	3
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	0.36 A
Max. Discharge Current	20 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP6-1.2** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

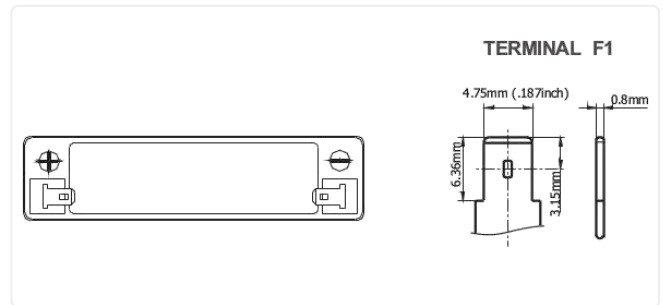
Length: 97 mm

Width: 24 mm

Height: 52 mm

Total Height: 58 mm

Weight: 0.3 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 0.36 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP6-4.5 (6 V · 4.5 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP6-4.5 is a 6 V, 4.5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 70 × 47 × 101 mm and weighs 0.73 kg. It stores 27 Wh and delivers up to 67 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE6-4.5**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	6 V
Capacity (25°C)	4.5 Ah (C20)
Energy	27 Wh
Weight	0.73 kg
Dimensions	70 × 47 × 101 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

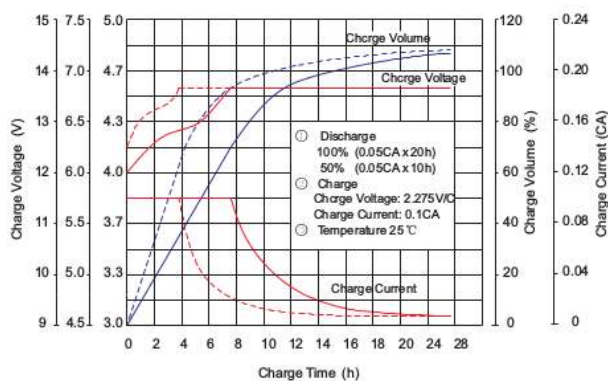
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
5.55 V	11.2A	8.8A	7.45A	4.58A	2.73A	1.18A	0.76A	0.42A	0.214A
5.40 V	12.7A	9.34A	7.64A	4.68A	2.77A	1.2A	0.77A	0.425A	0.22A
5.25 V	14.2A	9.88A	7.83A	4.76A	2.83A	1.22A	0.78A	0.43A	0.225A
5.10 V	15.5A	10.3A	8.04A	4.87A	2.88A	1.23A	0.79A	0.435A	0.23A
4.95 V	16.8A	10.8A	8.24A	4.96A	2.93A	1.24A	0.8A	0.44A	0.234A
4.80 V	18A	11.2A	8.53A	5.08A	2.96A	1.25A	0.81A	0.446A	0.239A

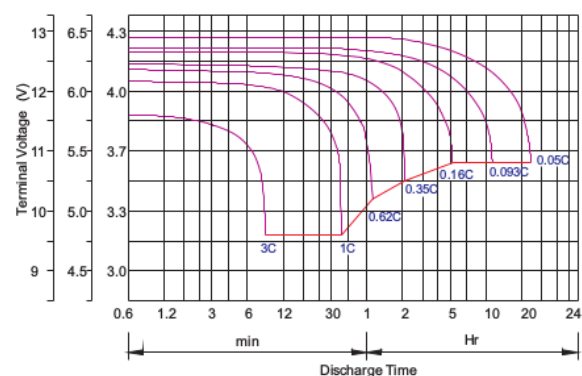
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
5.55 V	21.2W	16.7W	14.2W	8.82W	5.3W	2.32W	1W	0.839W	0.431W
5.40 V	23.5W	17.5W	14.5W	8.91W	5.32W	2.33W	1.01W	0.845W	0.44W
5.25 V	25.9W	18.3W	14.7W	8.99W	5.39W	2.35W	1.02W	0.848W	0.447W
5.10 V	28.1W	19W	14.9W	9.13W	5.44W	2.35W	1.03W	0.852W	0.453W
4.95 V	29.9W	19.6W	15.1W	9.21W	5.48W	2.36W	1.04W	0.856W	0.458W
4.80 V	31.8W	20.1W	15.6W	9.39W	5.52W	2.36W	1.05W	0.862W	0.463W

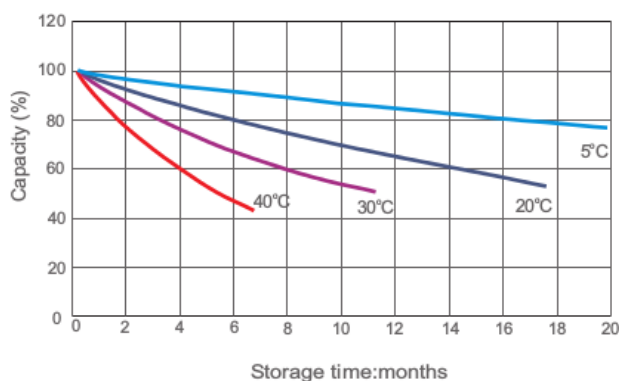
CHARGE CHARACTERISTICS



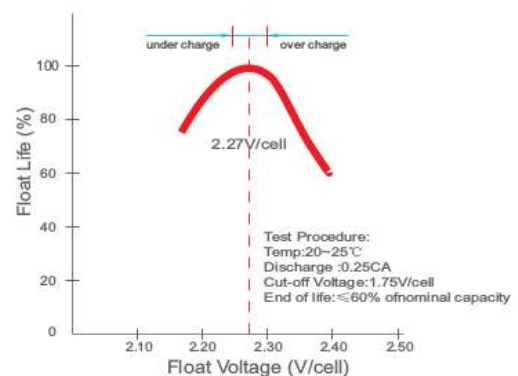
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	6 V
Capacity (25°C)	4.5 Ah (C20)
Energy	27 Wh
Cell number	3
Charge Voltage (25°C)	Cycle use: 7.2-7.4V (-5mV/C), max. Current 2.1A Float use: 6.8-6.9V (-3mV/C)
Max. Charge Current	1.35 A
Max. Discharge Current	67 A
Internal Resistance	22 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP6-4.5** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

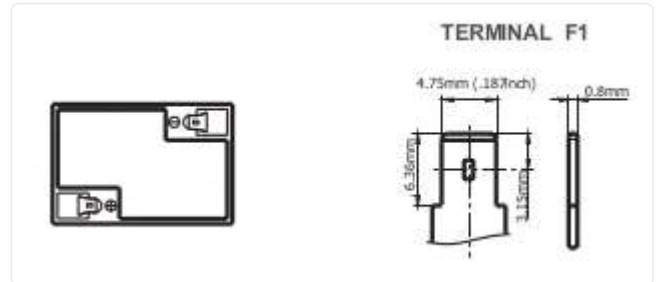
Length: 70 mm

Width: 47 mm

Height: 101 mm

Total Height: 107 mm

Weight: 0.73 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 7.2-7.4V (-5mV/C), max. Current 2.1A

Float use: 6.8-6.9V (-3mV/C)

Maximum Current: Do not exceed 1.35 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP6-1.2 (6 V · 1.2 Ah) · **RGP6-20** (6 V · 20 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP6-20 is a 6 V, 20 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 157 × 83 × 125 mm and weighs 3 kg, with F17 terminals. It stores 120 Wh and delivers up to 300 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly RKE6-20.

Nominal Voltage	6 V
Capacity (25°C)	20 Ah (C20)
Energy	120 Wh
Weight	3 kg
Terminal	F17
Dimensions	157 × 83 × 125 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9

YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2

YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS

✓

UPS AND DATA CENTERS

✓

SECURITY AND ALARM SYSTEMS

✓

EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED	ISO 9001 / 14001	GB/T19639	IEC 61056	JIS C8702
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GRAPHICS (25°C)

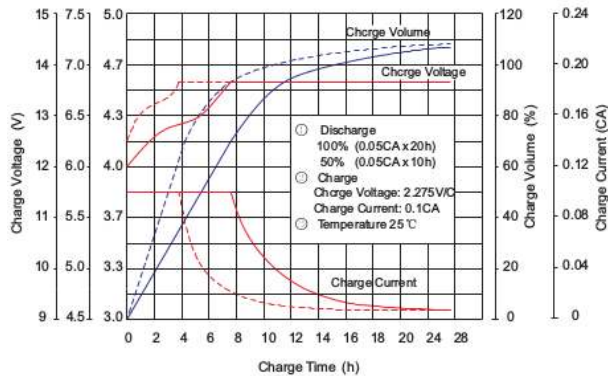
Constant Discharge Ratings (A) at 25°C

F.V / Time	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
5.40 V	40.3A	32.7A	18.9A	11.9A	4.85A	3.3A	1.82A	0.98A
5.25 V	42.7A	34.5A	19.7A	12.2A	5A	3.4A	1.86A	1A
5.10 V	44.6A	35.7A	20.1A	12.5A	5.04A	3.42A	1.87A	1.01A
4.95 V	46.6A	37.1A	20.8A	12.8A	5.07A	3.45A	1.88A	1.01A
4.80 V	48A	38A	21.2A	13A	5.1A	3.47A	1.89A	1.02A

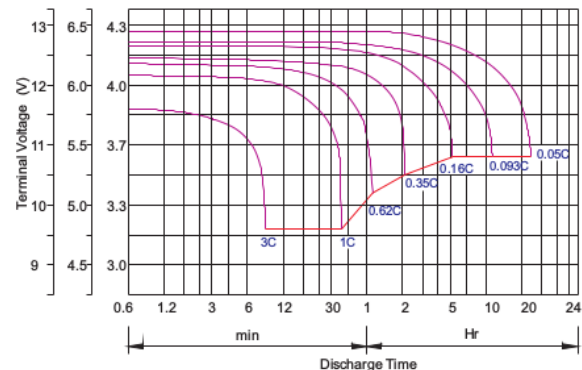
Constant Discharge Ratings (W) at 25°C

F.V / Time	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
5.40 V	227W	186W	108W	68.6W	28.8W	19.7W	10.9W	5.88W
5.25 V	241W	197W	113W	70.8W	29.7W	20.3W	11.2W	6W
5.10 V	252W	204W	115W	72.3W	29.9W	20.4W	11.2W	6.04W
4.95 V	263W	211W	119W	74.1W	30.1W	20.6W	11.3W	6.07W
4.80 V	271W	217W	121W	75.3W	30.3W	20.7W	11.3W	6.09W

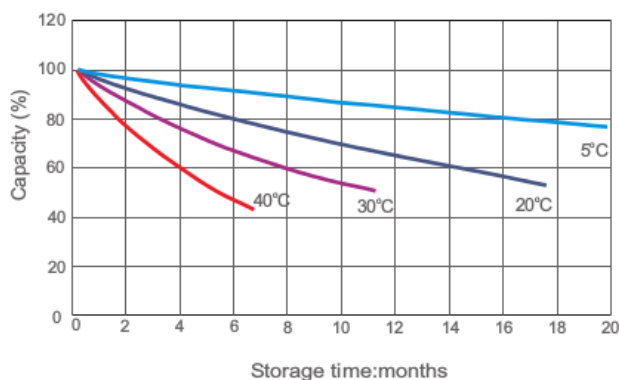
CHARGE CHARACTERISTICS



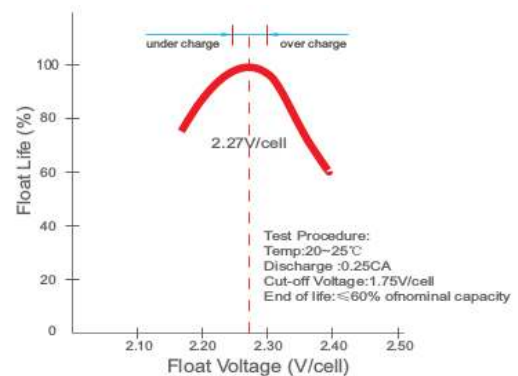
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	6 V
Capacity (25°C)	20 Ah (C20)
Energy	120 Wh
Cell number	3
Charge Voltage (25°C)	Cycle use: 7.2-7.4V (-5mV/C), max. Current 2.1A Float use: 6.8-6.9V (-3mV/C)
Max. Charge Current	6 A
Max. Discharge Current	300 A
Internal Resistance	9 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP6-20** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

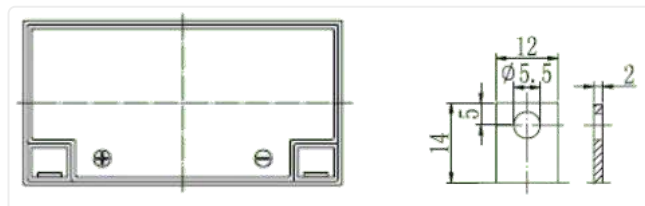
Length: 157 mm

Width: 83 mm

Height: 125 mm

Total Height: 125 mm

Weight: 3 kg



2. TERMINAL CONFIGURATION (F17)

Terminals: Ensure your system's connectors match the F17 type to prevent electrical arcing.

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 7.2-7.4V (-5mV/C), max. Current 2.1A

Float use: 6.8-6.9V (-3mV/C)

Maximum Current: Do not exceed 6 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP6-4.5 (6 V · 4.5 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-1.2 is a 12 V, 1.2 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 97 × 43 × 52 mm and weighs 0.52 kg, with F1 terminals. It stores 14 Wh and delivers up to 20 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-1.2**.

Nominal Voltage	12 V
Capacity (25°C)	1.2 Ah (C20)
Energy	14 Wh
Weight	0.52 kg
Terminal	F1
Dimensions	97 × 43 × 52 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

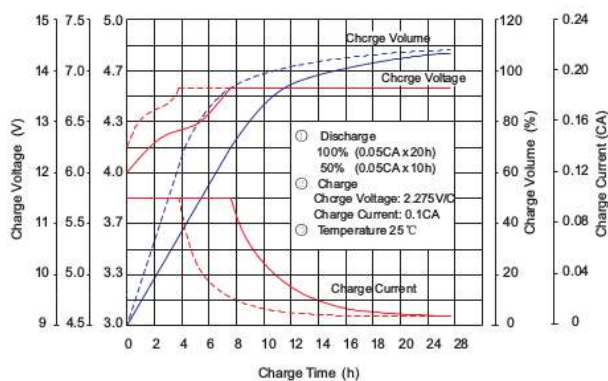
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	3A	2.35A	1.99A	1.22A	0.73A	0.316A	0.203A	0.112A	0.057A
10.80 V	3.39A	2.49A	2.04A	1.25A	0.74A	0.319A	0.205A	0.113A	0.059A
10.50 V	3.78A	2.63A	2.09A	1.27A	0.75A	0.324A	0.208A	0.115A	0.06A
10.20 V	4.15A	2.76A	2.14A	1.3A	0.77A	0.328A	0.21A	0.116A	0.061A
10.02 V	4.47A	2.88A	2.2A	1.32A	0.78A	0.331A	0.213A	0.117A	0.063A
9.60 V	4.81A	2.98A	2.28A	1.35A	0.79A	0.334A	0.216A	0.119A	0.064A

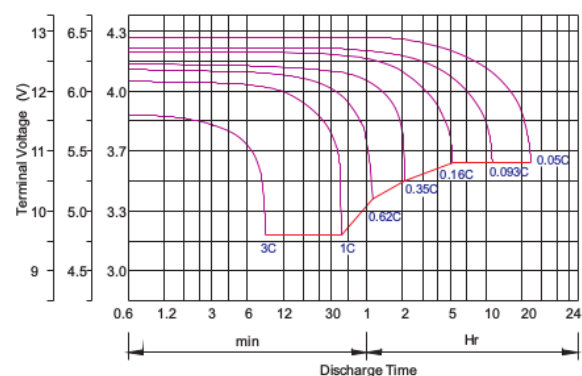
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	5.64W	4.46W	3.8W	2.35W	1.41W	0.62W	0.402W	0.224W	0.115W
10.80 V	6.27W	4.67W	3.86W	2.38W	1.42W	0.622W	0.403W	0.225W	0.117W
10.50 V	6.91W	4.89W	3.91W	2.4W	1.44W	0.626W	0.404W	0.226W	0.119W
10.20 V	7.48W	5.06W	3.97W	2.43W	1.45W	0.627W	0.407W	0.227W	0.121W
10.02 V	7.97W	5.23W	4.04W	2.46W	1.46W	0.628W	0.409W	0.228W	0.122W
9.60 V	8.47W	5.36W	4.15W	2.5W	1.47W	0.631W	0.411W	0.23W	0.123W

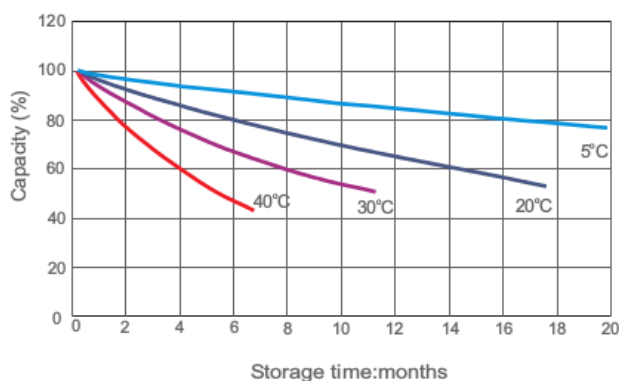
CHARGE CHARACTERISTICS



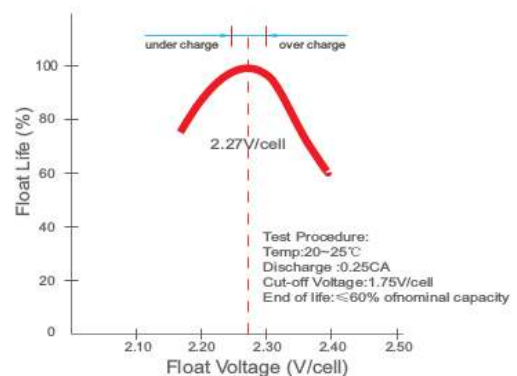
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	1.2 Ah (C20)
Energy	14 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	0.36 A
Max. Discharge Current	20 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-1.2** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

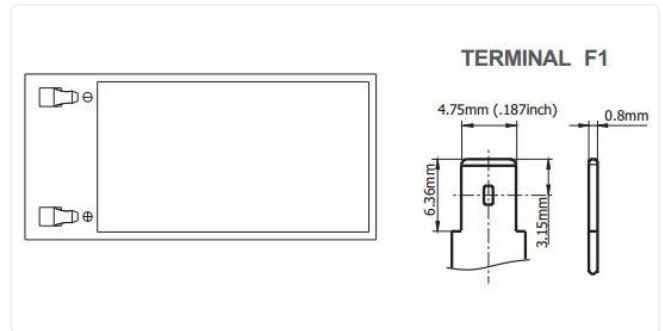
Length: 97 mm

Width: 43 mm

Height: 52 mm

Total Height: 58 mm

Weight: 0.52 kg



2. TERMINAL CONFIGURATION (F1)

Terminals: Ensure your system's connectors match the F1 type to prevent electrical arcing.

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 0.36 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-1.3 (12 V · 1.3 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-1.3 is a 12 V, 1.3 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 97 × 43 × 52 mm and weighs 0.55 kg, with F1 terminals. It stores 16 Wh and delivers up to 20 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-1.3**.



Nominal Voltage	12 V
Capacity (25°C)	1.3 Ah (C20)
Energy	16 Wh
Weight	0.55 kg
Terminal	F1
Dimensions	97 × 43 × 52 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

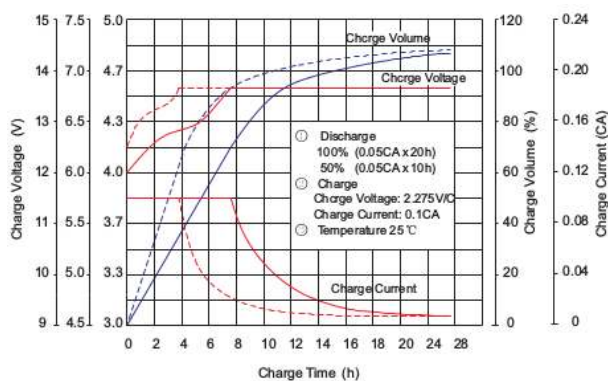
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	3A	2.35A	1.99A	1.22A	0.73A	0.316A	0.203A	0.112A	0.057A
10.80 V	3.39A	2.49A	2.04A	1.25A	0.74A	0.319A	0.205A	0.113A	0.059A
10.50 V	3.78A	2.63A	2.09A	1.27A	0.75A	0.324A	0.208A	0.115A	0.06A
10.20 V	4.15A	2.76A	2.14A	1.3A	0.77A	0.328A	0.21A	0.116A	0.061A
10.02 V	4.47A	2.88A	2.2A	1.32A	0.78A	0.331A	0.213A	0.117A	0.063A
9.60 V	4.81A	2.98A	2.28A	1.35A	0.79A	0.334A	0.216A	0.119A	0.064A

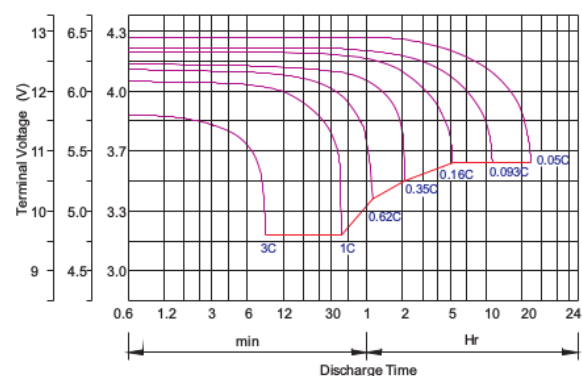
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	5.64W	4.46W	3.8W	2.35W	1.41W	0.62W	0.402W	0.224W	0.115W
10.80 V	6.27W	4.67W	3.86W	2.38W	1.42W	0.622W	0.403W	0.225W	0.117W
10.50 V	6.91W	4.89W	3.91W	2.4W	1.44W	0.626W	0.404W	0.226W	0.119W
10.20 V	7.48W	5.06W	3.97W	2.43W	1.45W	0.627W	0.407W	0.227W	0.121W
10.02 V	7.97W	5.23W	4.04W	2.46W	1.46W	0.628W	0.409W	0.228W	0.122W
9.60 V	8.47W	5.36W	4.15W	2.5W	1.47W	0.631W	0.411W	0.23W	0.123W

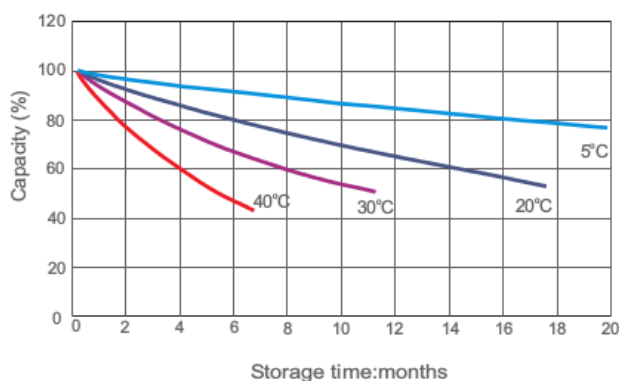
CHARGE CHARACTERISTICS



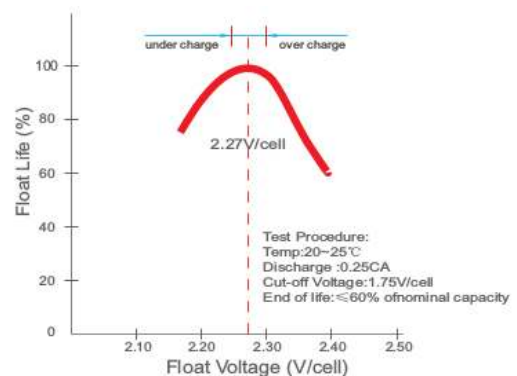
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	1.3 Ah (C20)
Energy	16 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	0.36 A
Max. Discharge Current	20 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-1.3** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 97 mm

Width: 43 mm

Height: 52 mm

Total Height: 58 mm

Weight: 0.55 kg

2. TERMINAL CONFIGURATION (F1)

Terminals: Ensure your system's connectors match the F1 type to prevent electrical arcing.

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 0.36 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-1.2 (12 V · 1.2 Ah) · **RGP12-2.3** (12 V · 2.3 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-2.3 is a 12 V, 2.3 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 178 × 35 × 61 mm and weighs 0.9 kg, with F1 terminals. It stores 28 Wh and delivers up to 33 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-2.3**.

Nominal Voltage	12 V
Capacity (25°C)	2.3 Ah (C20)
Energy	28 Wh
Weight	0.9 kg
Terminal	F1
Dimensions	178 × 35 × 61 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

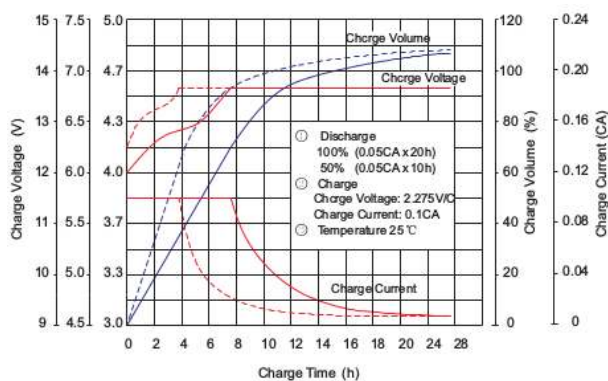
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	5.49A	4.3A	3.64A	2.24A	1.34A	0.58A	0.36A	0.215A	0.11A
10.80 V	6.21A	4.56A	3.74A	2.29A	1.36A	0.59A	0.37A	0.217A	0.112A
10.50 V	6.93A	4.83A	3.83A	2.33A	1.38A	0.6A	0.38A	0.22A	0.115A
10.20 V	7.6A	5.05A	3.93A	2.38A	1.41A	0.61A	0.39A	0.222A	0.118A
10.02 V	8.19A	5.28A	4.03A	2.42A	1.43A	0.62A	0.4A	0.225A	0.12A
9.60 V	8.82A	5.47A	4.17A	2.48A	1.45A	0.63A	0.41A	0.228A	0.122A

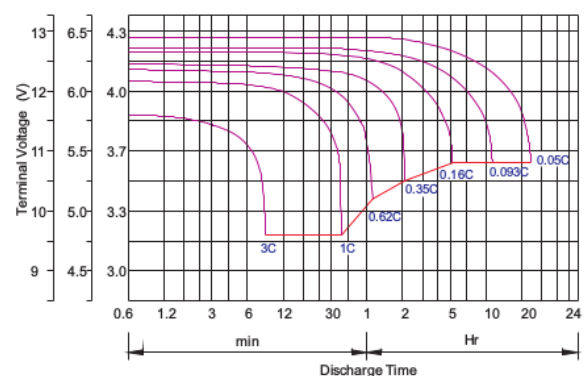
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	10.3W	8.17W	6.96W	4.31W	2.59W	1.11W	0.71W	0.41W	0.211W
10.80 V	11.5W	8.57W	7.07W	4.36W	2.6W	1.12W	0.72W	0.413W	0.215W
10.50 V	12.7W	8.96W	7.18W	4.4W	2.63W	1.13W	0.73W	0.415W	0.218W
10.20 V	13.7W	9.27W	7.29W	4.46W	2.66W	1.14W	0.74W	0.416W	0.222W
10.02 V	14.6W	9.59W	7.4W	4.5W	2.68W	1.15W	0.75W	0.418W	0.224W
9.60 V	15.5W	9.83W	7.61W	4.59W	2.7W	1.16W	0.76W	0.421W	0.226W

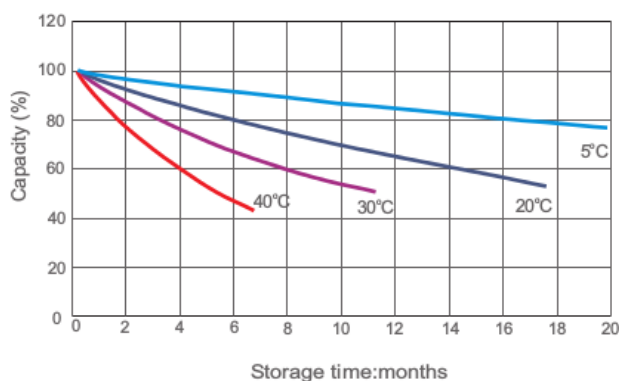
CHARGE CHARACTERISTICS



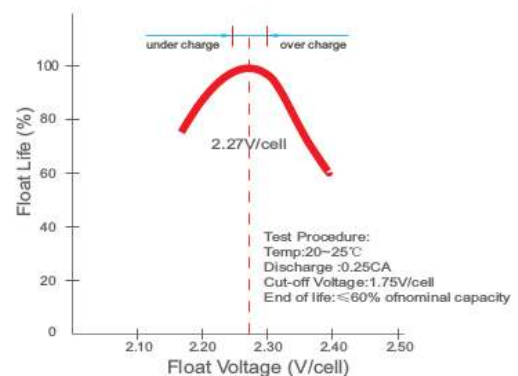
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	2.3 Ah (C20)
Energy	28 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	0.69 A
Max. Discharge Current	33 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-2.3** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

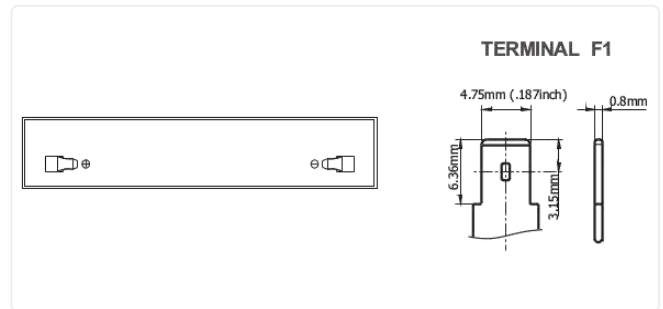
Length: 178 mm

Width: 35 mm

Height: 61 mm

Total Height: 67 mm

Weight: 0.9 kg



2. TERMINAL CONFIGURATION (F1)

Terminals: Ensure your system's connectors match the F1 type to prevent electrical arcing.

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 0.69 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RG12-1.3 (12 V · 1.3 Ah) · **RG12-2.6** (12 V · 2.6 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-2.6 is a 12 V, 2.6 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 70 × 47 × 101 mm and weighs 0.85 kg, with F1 terminals. It stores 31 Wh and delivers up to 39 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-2.6**.

Nominal Voltage	12 V
Capacity (25°C)	2.6 Ah (C20)
Energy	31 Wh
Weight	0.85 kg
Terminal	F1
Dimensions	70 × 47 × 101 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

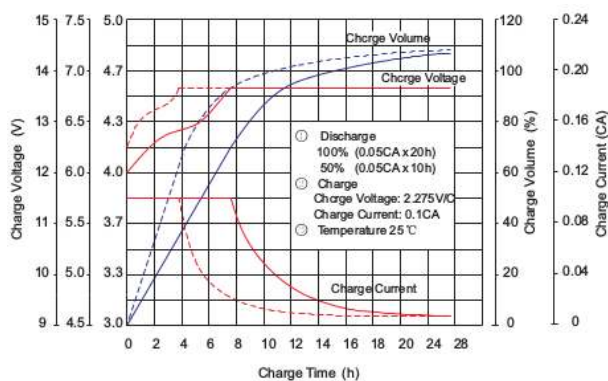
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	6.49A	5.08A	4.31A	2.65A	1.58A	0.68A	0.44A	0.243A	0.124A
10.80 V	7.34A	5.39A	4.42A	2.7A	1.6A	0.69A	0.445A	0.246A	0.127A
10.50 V	8.19A	5.71A	4.53A	2.75A	1.64A	0.7A	0.45A	0.249A	0.13A
10.20 V	8.98A	5.97A	4.64A	2.82A	1.66A	0.71A	0.456A	0.251A	0.133A
10.02 V	9.68A	6.24A	4.76A	2.87A	1.69A	0.72A	0.462A	0.254A	0.135A
9.60 V	10.4A	6.46A	4.93A	2.93A	1.71A	0.72A	0.467A	0.258A	0.138A

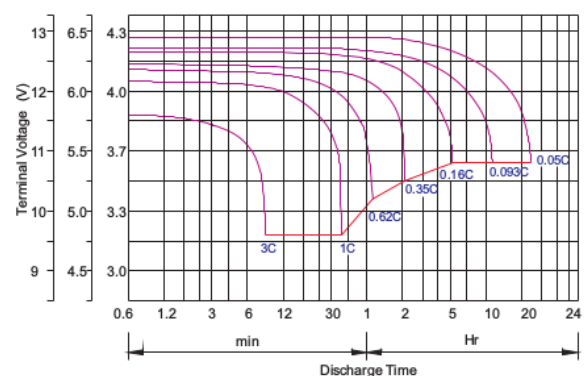
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	12.2W	9.66W	8.23W	5.1W	3.06W	1.34W	0.871W	0.485W	0.249W
10.80 V	13.6W	10.1W	8.35W	5.15W	3.08W	1.35W	0.873W	0.488W	0.254W
10.50 V	15W	10.6W	8.48W	5.2W	3.11W	1.36W	0.876W	0.49W	0.258W
10.20 V	16.2W	11W	8.61W	5.27W	3.14W	1.36W	0.881W	0.492W	0.262W
10.02 V	17.3W	11.3W	8.75W	5.32W	3.17W	1.36W	0.885W	0.494W	0.265W
9.60 V	18.3W	11.6W	8.99W	5.42W	3.19W	1.37W	0.89W	0.498W	0.268W

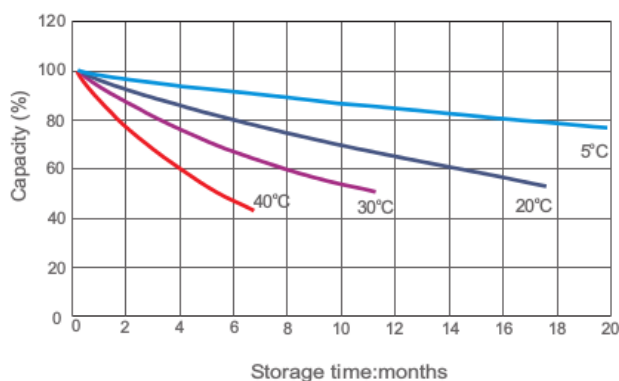
CHARGE CHARACTERISTICS



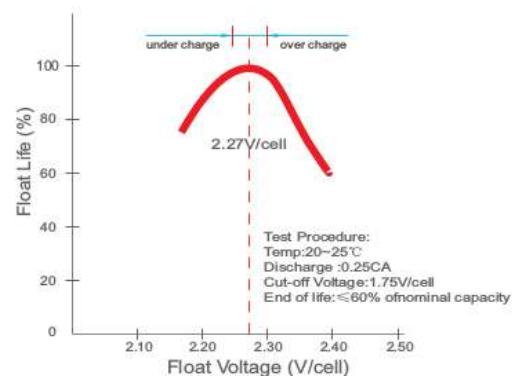
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	2.6 Ah (C20)
Energy	31 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Discharge Current	39 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-2.6** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

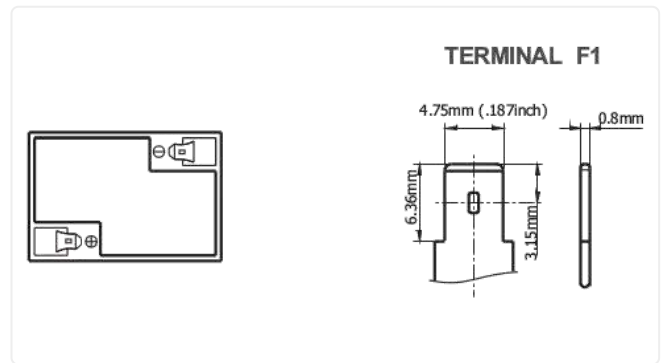
Length: 70 mm

Width: 47 mm

Height: 101 mm

Total Height: 107 mm

Weight: 0.85 kg



2. TERMINAL CONFIGURATION (F1)

Terminals: Ensure your system's connectors match the F1 type to prevent electrical arcing.

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RG12-2.3 (12 V · 2.3 Ah) · **RG12-4** (12 V · 4 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-4 is a 12 V, 4 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 90 × 70 × 101 mm and weighs 1.4 kg. It stores 48 Wh and delivers up to 60 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly RKE12-4.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	4 Ah (C20)
Energy	48 Wh
Weight	1.4 kg
Dimensions	90 × 70 × 101 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years
(General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters
stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

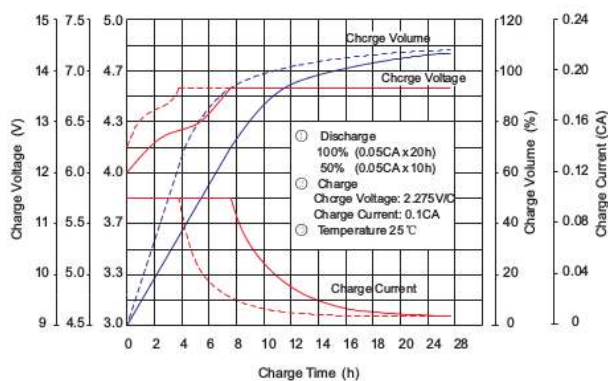
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	10A	7.82A	6.62A	4.07A	2.43A	1.05A	0.67A	0.373A	0.191A
10.80 V	11.3A	8.3A	6.79A	4.16A	2.46A	1.06A	0.68A	0.378A	0.196A
10.50 V	12.6A	8.78A	6.96A	4.23A	2.52A	1.08A	0.69A	0.383A	0.2A
10.20 V	13.8A	9.19A	7.14A	4.33A	2.56A	1.09A	0.7A	0.387A	0.204A
10.02 V	14.9A	9.6A	7.33A	4.41A	2.6A	1.1A	0.71A	0.392A	0.208A
9.60 V	16A	9.94A	7.58A	4.51A	2.63A	1.11A	0.72A	0.397A	0.212A

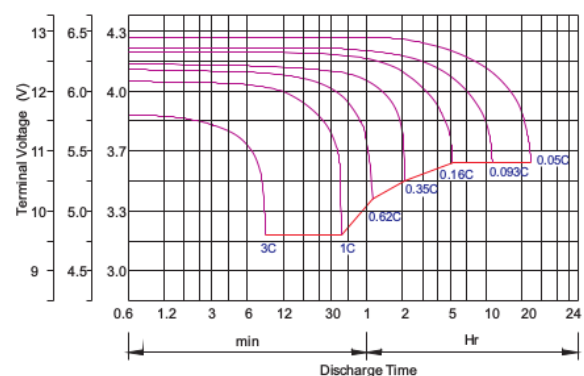
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	18.8W	14.9W	12.7W	7.84W	4.71W	2.05W	2.3W	0.746W	0.383W
10.80 V	20.9W	15.6W	12.9W	7.92W	4.73W	2.06W	2.35W	0.751W	0.391W
10.50 V	23W	16.3W	13W	7.99W	4.79W	2.07W	2.36W	0.754W	0.397W
10.20 V	24.9W	16.9W	13.2W	8.11W	4.83W	2.08W	2.37W	0.757W	0.403W
10.02 V	26.6W	17.4W	13.5W	8.19W	4.88W	2.09W	2.38W	0.761W	0.407W
9.60 V	28.2W	17.9W	13.8W	8.34W	4.91W	2.1W	2.4W	0.766W	0.412W

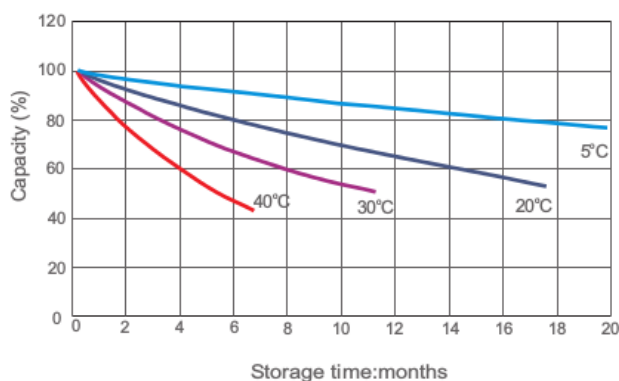
CHARGE CHARACTERISTICS



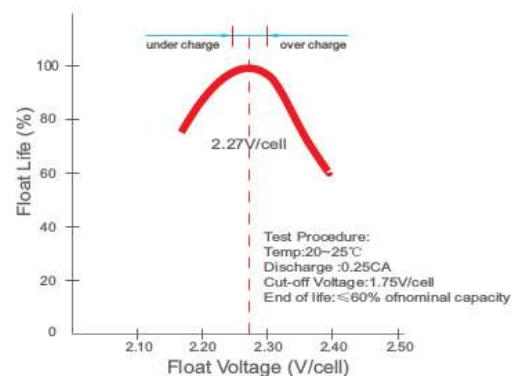
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	4 Ah (C20)
Energy	48 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	1.5 A
Max. Discharge Current	60 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-4** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 90 mm

Width: 70 mm

Height: 101 mm

Total Height: 107 mm

Weight: 1.4 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 1.5 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-2.6 (12 V · 2.6 Ah) · **RGP12-4SE** (12 V · 4 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-4SE is a 12 V, 4 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 90 × 70 × 101 mm and weighs 1.18 kg. It stores 48 Wh and delivers up to 60 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly RKE12-4SE.

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.



Nominal Voltage	12 V
Capacity (25°C)	4 Ah (C20)
Energy	48 Wh
Weight	1.18 kg
Dimensions	90 × 70 × 101 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years
(General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters
stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

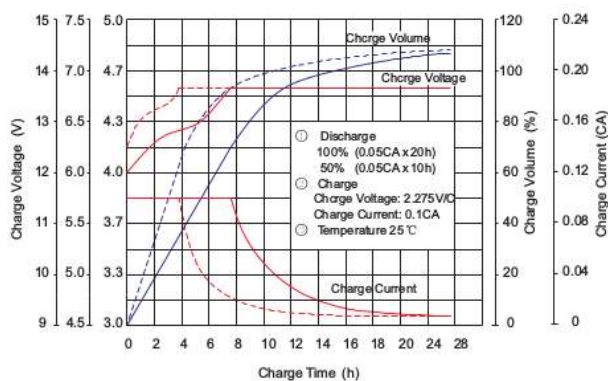
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	10A	7.82A	6.62A	4.07A	2.43A	1.05A	0.67A	0.373A	0.191A
10.80 V	11.3A	8.3A	6.79A	4.16A	2.46A	1.06A	0.68A	0.378A	0.196A
10.50 V	12.6A	8.78A	6.96A	4.23A	2.52A	1.08A	0.69A	0.383A	0.2A
10.20 V	13.8A	9.19A	7.14A	4.33A	2.56A	1.09A	0.7A	0.387A	0.204A
10.02 V	14.9A	9.6A	7.33A	4.41A	2.6A	1.1A	0.71A	0.392A	0.208A
9.60 V	16A	9.94A	7.58A	4.51A	2.63A	1.11A	0.72A	0.397A	0.212A

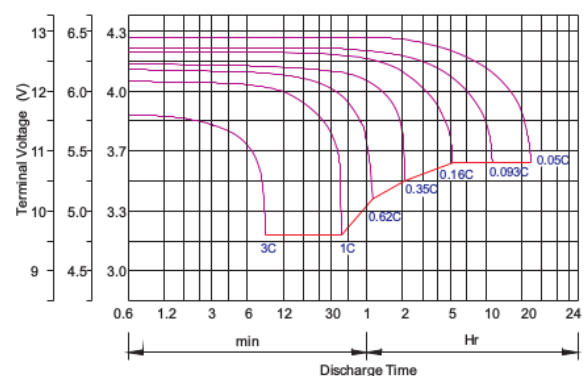
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	18.8W	14.9W	12.7W	7.84W	4.71W	2.05W	2.3W	0.746W	0.383W
10.80 V	20.9W	15.6W	12.9W	7.92W	4.73W	2.06W	2.35W	0.751W	0.391W
10.50 V	23W	16.3W	13W	7.99W	4.79W	2.07W	2.36W	0.754W	0.397W
10.20 V	24.9W	16.9W	13.2W	8.11W	4.83W	2.08W	2.37W	0.757W	0.403W
10.02 V	26.6W	17.4W	13.5W	8.19W	4.88W	2.09W	2.38W	0.761W	0.407W
9.60 V	28.2W	17.9W	13.8W	8.34W	4.91W	2.1W	2.4W	0.766W	0.412W

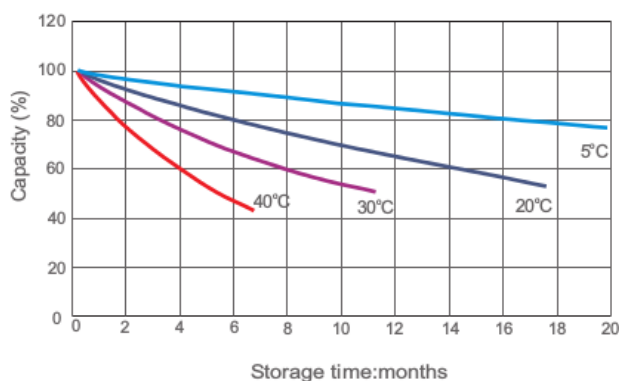
CHARGE CHARACTERISTICS



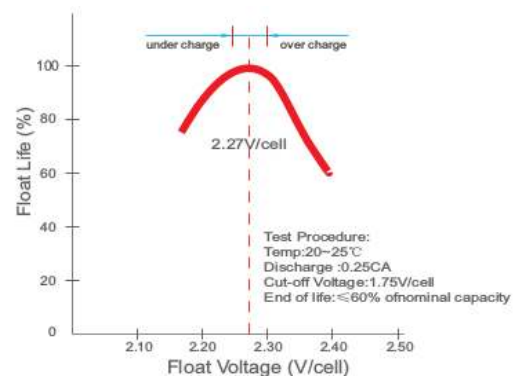
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	4 Ah (C20)
Energy	48 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	1.5 A
Max. Discharge Current	60 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-4SE** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 90 mm

Width: 70 mm

Height: 101 mm

Total Height: 107 mm

Weight: 1.18 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 1.5 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-4 (12 V · 4 Ah) · **RGP12-4.5** (12 V · 4.5 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-4.5 is a 12 V, 4.5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 90 × 70 × 101 mm and weighs 1.47 kg. It stores 54 Wh and delivers up to 67 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-4.5**.

Nominal Voltage	12 V
Capacity (25°C)	4.5 Ah (C20)
Energy	54 Wh
Weight	1.47 kg
Dimensions	90 × 70 × 101 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

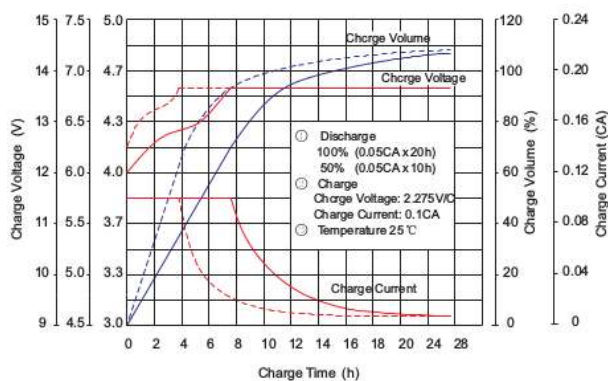
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	11.2A	8.8A	7.45A	4.58A	2.73A	1.18A	0.76A	0.42A	0.214A
10.80 V	12.7A	9.34A	7.64A	4.68A	2.77A	1.2A	0.77A	0.425A	0.22A
10.50 V	14.2A	9.88A	7.83A	4.76A	2.83A	1.22A	0.78A	0.43A	0.225A
10.20 V	15.5A	10.3A	8.04A	4.87A	2.88A	1.23A	0.79A	0.435A	0.23A
10.02 V	16.8A	10.8A	8.24A	4.96A	2.93A	1.24A	0.8A	0.44A	0.234A
9.60 V	18A	11.2A	8.53A	5.08A	2.96A	1.25A	0.81A	0.446A	0.239A

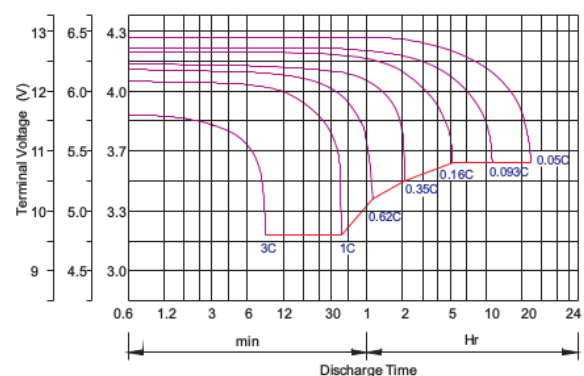
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	21.2W	16.7W	14.2W	8.82W	5.3W	2.32W	1.49W	0.839W	0.431W
10.80 V	23.5W	17.5W	14.5W	8.91W	5.32W	2.33W	1.5W	0.845W	0.44W
10.50 V	25.9W	18.3W	14.7W	8.99W	5.39W	2.35W	1.51W	0.848W	0.447W
10.20 V	28.1W	19W	14.9W	9.13W	5.44W	2.35W	1.52W	0.852W	0.453W
10.02 V	29.9W	19.6W	15.1W	9.21W	5.48W	2.36W	1.53W	0.856W	0.458W
9.60 V	31.8W	20.1W	15.6W	9.39W	5.52W	2.36W	1.54W	0.862W	0.463W

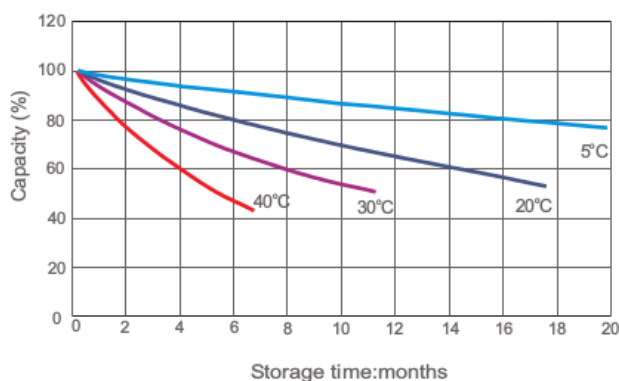
CHARGE CHARACTERISTICS



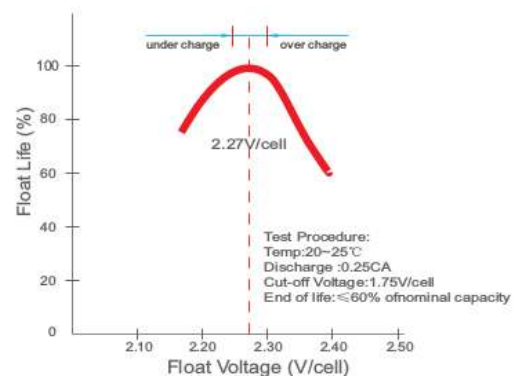
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	4.5 Ah (C20)
Energy	54 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	1.35 A
Max. Discharge Current	67 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-4.5** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

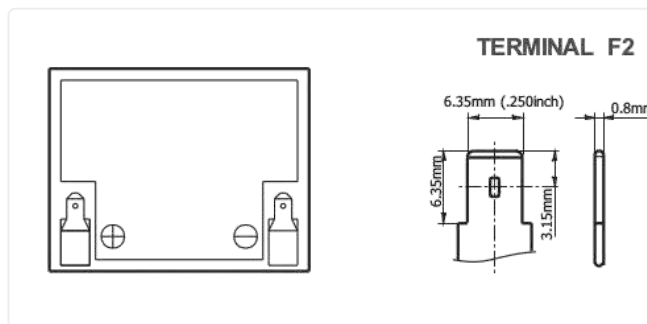
Length: 90 mm

Width: 70 mm

Height: 101 mm

Total Height: 107 mm

Weight: 1.47 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 1.35 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-4SE (12 V · 4 Ah) · **RGP12-5** (12 V · 5 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-5 is a 12 V, 5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 90 × 70 × 101 mm and weighs 1.6 kg. It stores 60 Wh and delivers up to 75 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly RKE12-5.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	5 Ah (C20)
Energy	60 Wh
Weight	1.6 kg
Dimensions	90 × 70 × 101 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

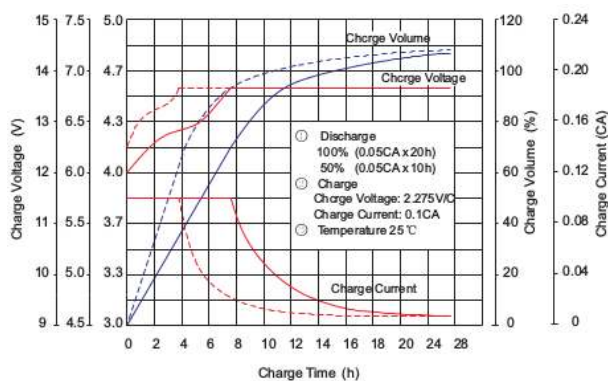
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	12.5A	9.78A	8.28A	5.09A	3.04A	1.31A	0.85A	0.45A	0.238A
10.80 V	14.1A	10.4A	8.49A	5.2A	3.08A	1.33A	0.86A	0.46A	0.245A
10.50 V	15.8A	11A	8.7A	5.29A	3.15A	1.35A	0.87A	0.47A	0.25A
10.20 V	17.3A	11.5A	8.93A	5.42A	3.2A	1.37A	0.88A	0.48A	0.256A
10.02 V	18.6A	12A	9.16A	5.51A	3.25A	1.38A	0.89A	0.49A	0.261A
9.60 V	20A	12.4A	9.48A	5.64A	3.29A	1.39A	0.9A	0.5A	0.265A

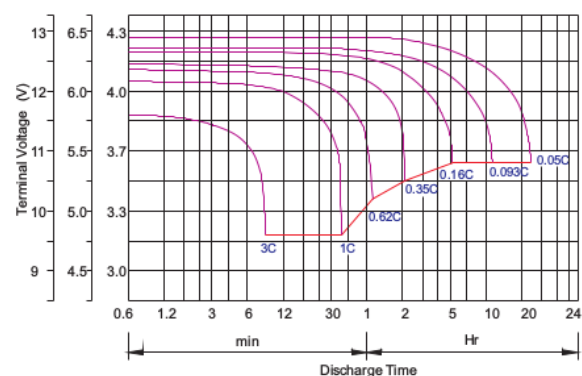
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	23.5W	18.6W	15.8W	9.8W	5.89W	2.58W	1.66W	0.91W	0.479W
10.80 V	26.1W	19.5W	16.1W	9.9W	5.92W	2.59W	1.67W	0.92W	0.488W
10.50 V	28.8W	20.4W	16.3W	10W	5.99W	2.6W	1.68W	0.93W	0.496W
10.20 V	31.2W	21.1W	16.6W	10.1W	6.04W	2.61W	1.69W	0.94W	0.504W
10.02 V	33.2W	21.8W	16.8W	10.2W	6.09W	2.62W	1.7W	0.95W	0.509W
9.60 V	35.3W	22.3W	17.3W	10.4W	6.13W	2.63W	1.71W	0.96W	0.515W

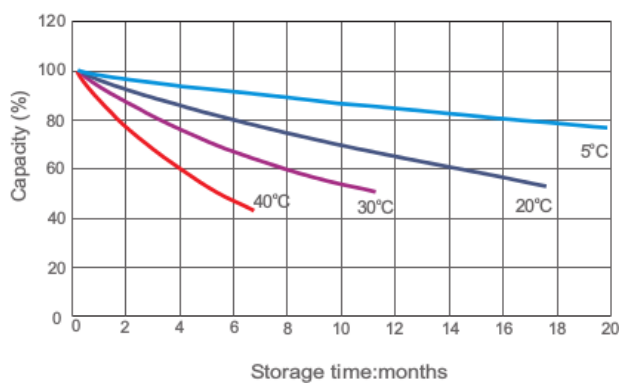
CHARGE CHARACTERISTICS



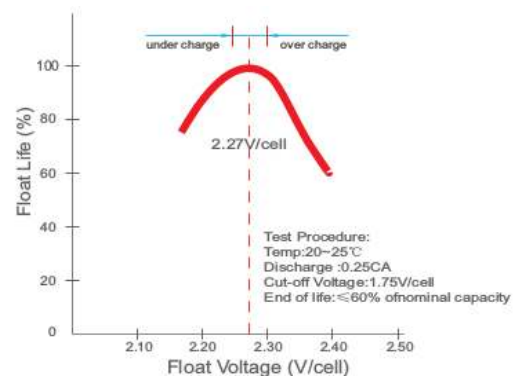
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	5 Ah (C20)
Energy	60 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	1.5 A
Max. Discharge Current	75 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-5** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

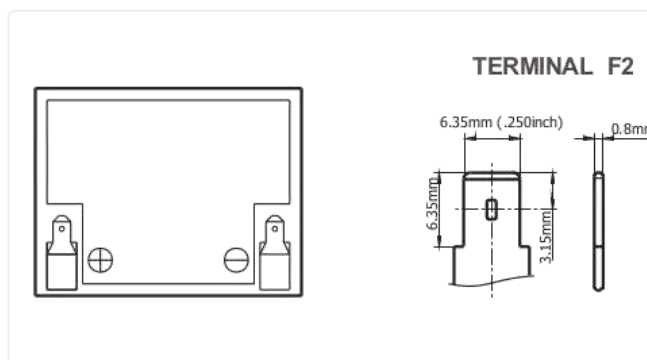
Length: 90 mm

Width: 70 mm

Height: 101 mm

Total Height: 107 mm

Weight: 1.6 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 1.5 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-4.5 (12 V · 4.5 Ah) · **RGP12-5.5** (12 V · 5.5 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-5.5 is a 12 V, 5.5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 1.88 kg. It stores 66 Wh and delivers up to 75 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-5.5**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	5.5 Ah (C20)
Energy	66 Wh
Weight	1.88 kg
Dimensions	151 × 65 × 93 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

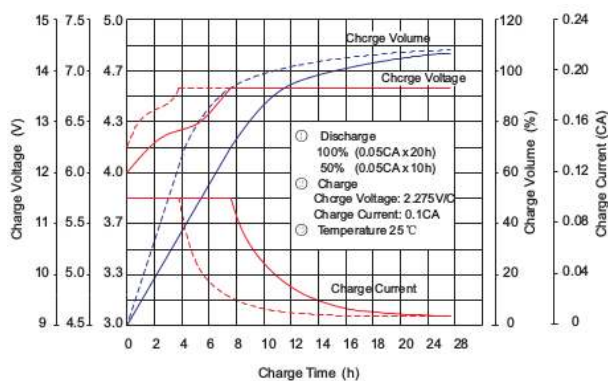
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	13.7A	10.7A	9.1A	5.59A	3.33A	1.44A	0.93A	0.51A	0.261A
10.80 V	15.5A	11.4A	9.34A	5.71A	3.38A	1.46A	0.94A	0.51A	0.268A
10.50 V	17.3A	12.6A	9.57A	5.81A	3.45A	1.48A	0.94A	0.52A	0.275A
10.20 V	18.9A	16.1A	9.8A	5.95A	3.51A	1.49A	0.96A	0.53A	0.281A
10.02 V	20.5A	13.2A	10A	6.08A	3.57A	1.51A	0.97A	0.54A	0.286A
9.60 V	21.1A	13.6A	10.4A	6.2A	3.61A	1.53A	0.98A	0.55A	0.291A

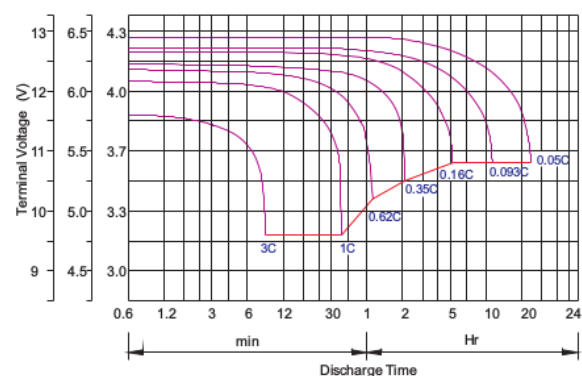
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	25.8W	20.4W	17.4W	10.7W	6.46W	2.84W	1.8W	1.01W	0.52W
10.80 V	28.7W	21.4W	17.6W	10.9W	6.49W	2.84W	1.84W	1.02W	0.53W
10.50 V	31.6W	22.3W	17.9W	10.9W	6.57W	2.86W	1.85W	1.02W	0.54W
10.20 V	34.3W	23.1W	18.2W	11.1W	6.64W	2.87W	1.86W	1.03W	0.55W
10.02 V	36.5W	23.9W	18.5W	11.2W	6.69W	2.88W	1.86W	1.04W	0.55W
9.60 V	38.7W	24.5W	18.9W	11.4W	6.74W	2.88W	1.88W	1.05W	0.56W

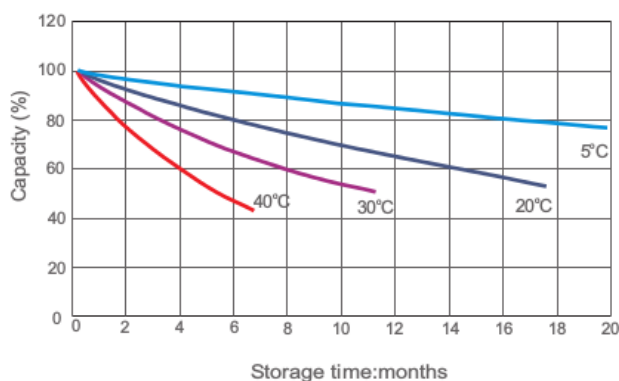
CHARGE CHARACTERISTICS



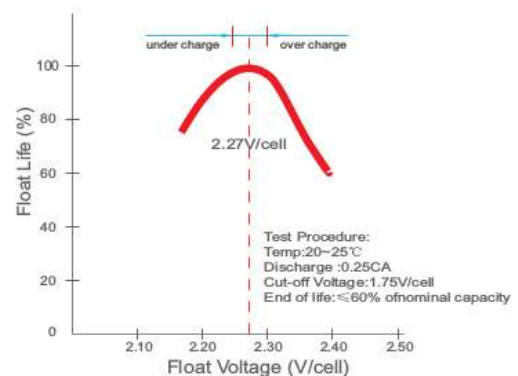
DISCHARGE CHARACTERISTIC 25°C



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	5.5 Ah (C20)
Energy	66 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	1.6 A
Max. Discharge Current	75 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your REKOSER RGP12-5.5 battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

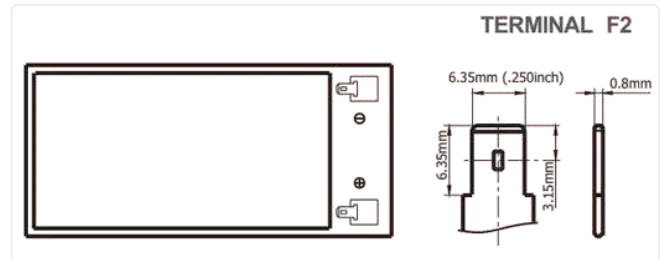
Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 1.88 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 1.6 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-5 (12 V · 5 Ah) · **RGP12-6.5** (12 V · 6.5 Ah) · See all RGP series models

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-6.5 is a 12 V, 6.5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 2 kg. It stores 78 Wh and delivers up to 105 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-6.5**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	6.5 Ah (C20)
Energy	78 Wh
Weight	2 kg
Dimensions	151 × 65 × 93 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

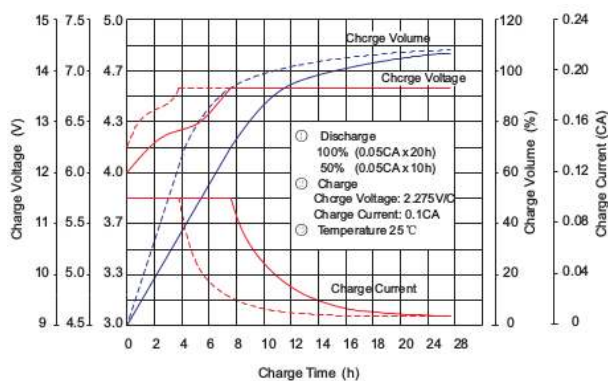
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	16.2A	12.7A	10.8A	6.62A	3.95A	1.71A	1.1A	0.606A	0.31A
10.80 V	18.3A	13.5A	11A	6.76A	4A	1.73A	1.11A	0.614A	0.318A
10.50 V	20.5A	14.3A	11.3A	6.88A	4.09A	1.76A	1.12A	0.622A	0.326A
10.20 V	22.5A	14.9A	11.6A	7.04A	4.16A	1.77A	1.14A	0.629A	0.332A
10.02 V	24.2A	15.6A	11.9A	7.16A	4.23A	1.79A	1.16A	0.636A	0.339A
9.60 V	26.1A	16.2A	12.3A	7.34A	4.28A	1.81A	1.17A	0.645A	0.345A

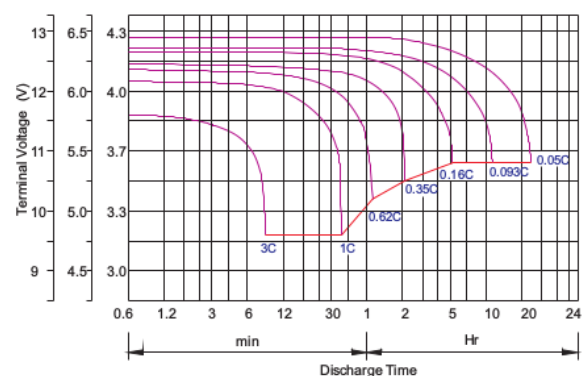
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	30.6W	24.1W	20.6W	12.7W	7.65W	3.36W	2.16W	1.212W	0.623W
10.80 V	34W	25.3W	20.9W	12.9W	7.69W	3.37W	2.18W	1.22W	0.635W
10.50 V	37.4W	26.5W	21.2W	13W	7.78W	3.39W	2.19W	1.225W	0.645W
10.20 V	40.5W	27.4W	21.5W	13.2W	7.85W	3.4W	2.2W	1.231W	0.655W
10.02 V	43.2W	28.3W	21.9W	13.3W	7.92W	3.4W	2.21W	1.236W	0.662W
9.60 V	45.9W	29W	22.5W	13.6W	7.97W	3.42W	2.22W	1.245W	0.669W

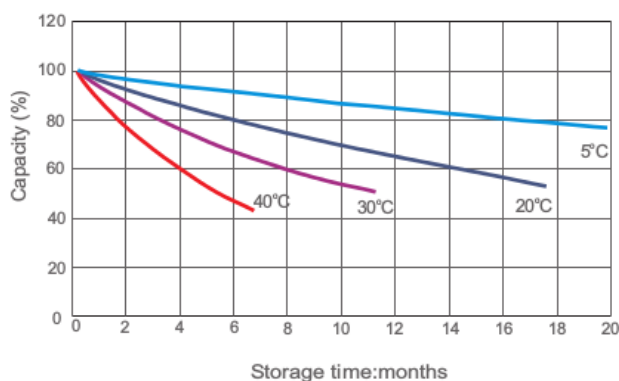
CHARGE CHARACTERISTICS



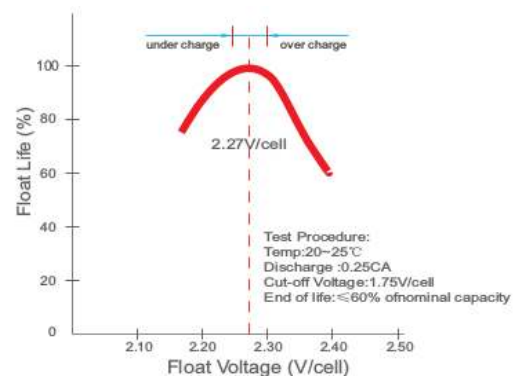
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	6.5 Ah (C20)
Energy	78 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2 A
Max. Discharge Current	105 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-6.5** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 2 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-5.5 (12 V · 5.5 Ah) · **RGP12-7** (12 V · 7 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-7 is a 12 V, 7 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 2.1 kg. It stores 84 Wh and delivers up to 105 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-7**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	7 Ah (C20)
Energy	84 Wh
Weight	2.1 kg
Dimensions	151 × 65 × 93 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

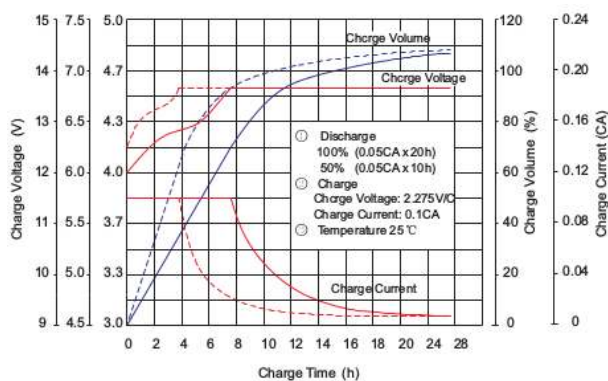
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	17.5A	13.7A	11.6A	7.13A	4.25A	1.84A	1.19A	0.65A	0.33A
10.80 V	19.8A	14.5A	11.9A	7.28A	4.31A	1.86A	1.2A	0.66A	0.34A
10.50 V	22.1A	15.4A	12.2A	7.41A	4.4A	1.89A	1.21A	0.67A	0.35A
10.20 V	24.2A	16.1A	12.5A	7.58A	4.48A	1.91A	1.23A	0.68A	0.36A
10.02 V	26.1A	16.8A	12.8A	7.71A	4.55A	1.93A	1.24A	0.69A	0.36A
9.60 V	28.1A	17.4A	13.3A	7.9A	4.61A	1.95A	1.26A	0.7A	0.37A

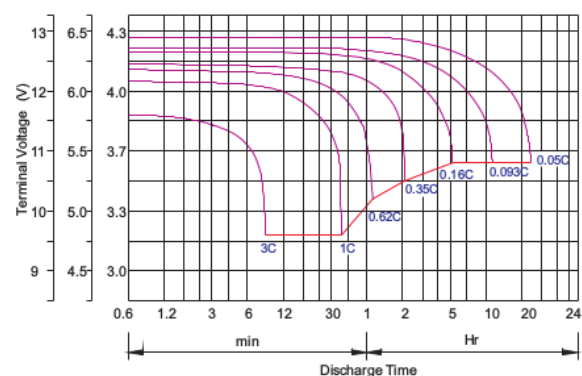
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	32.9W	26W	22.2W	13.7W	8.24W	3.62W	2.3W	1.29W	0.67W
10.80 V	36.6W	27.3W	22.5W	13.9W	8.28W	3.63W	2.35W	1.3W	0.68W
10.50 V	40.3W	28.5W	22.8W	14W	8.38W	3.65W	2.36W	1.31W	0.69W
10.20 V	43.7W	29.5W	23.2W	14.2W	8.46W	3.66W	2.37W	1.32W	0.7W
10.02 V	46.5W	30.5W	23.6W	14.3W	8.53W	3.67W	2.38W	1.33W	0.71W
9.60 V	49.4W	31.3W	24.2W	14.6W	8.59W	3.68W	2.4W	1.34W	0.72W

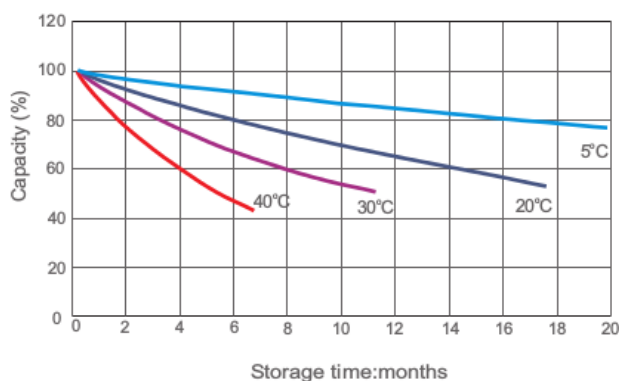
CHARGE CHARACTERISTICS



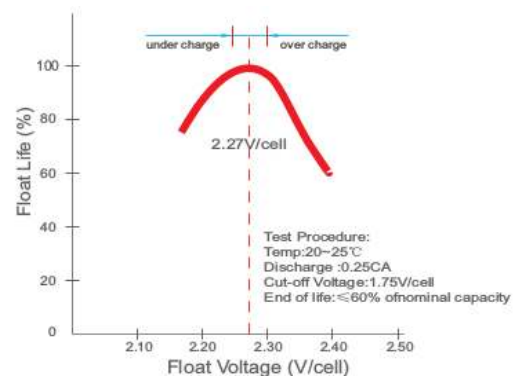
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	7 Ah (C20)
Energy	84 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2.1 A
Max. Discharge Current	105 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-7** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 2.1 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2.1 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-6.5 (12 V · 6.5 Ah) · **RGP12-7SE** (12 V · 7 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-7SE is a 12 V, 7 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 1.8 kg. It stores 84 Wh and delivers up to 105 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-7SE**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	7 Ah (C20)
Energy	84 Wh
Weight	1.8 kg
Dimensions	151 × 65 × 93 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

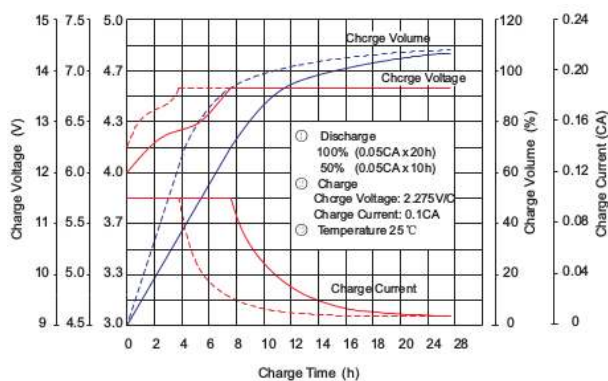
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10V	11.2A	8.8A	7.45A	4.58A	2.73A	1.18A	0.76A	0.42A	0.214A
10.80V	12.7A	9.34A	7.64A	4.68A	2.77A	1.2A	0.77A	0.425A	0.22A
10.50V	14.2A	9.88A	7.83A	4.76A	2.83A	1.22A	0.78A	0.43A	0.225A
10.20V	15.5A	10.3A	8.04A	4.87A	2.88A	1.23A	0.79A	0.435A	0.23A
10.02V	16.8A	10.8A	8.24A	4.96A	2.93A	1.24A	0.8A	0.44A	0.234A
9.60V	18A	11.2A	8.53A	5.08A	2.96A	1.25A	0.81A	0.446A	0.239A

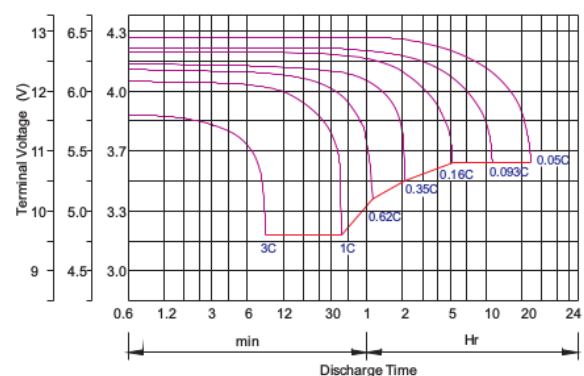
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10V	21.2W	16.7W	14.2W	8.82W	5.3W	2.32W	1.49W	0.839W	0.431W
10.80V	23.5W	17.5W	14.5W	8.91W	5.32W	2.33W	1.5W	0.845W	0.44W
10.50V	25.9W	18.3W	14.7W	8.99W	5.39W	2.35W	1.51W	0.848W	0.447W
10.20V	28.1W	19W	14.9W	9.13W	5.44W	2.35W	1.52W	0.852W	0.453W
10.02V	29.9W	19.6W	15.1W	9.21W	5.48W	2.36W	1.53W	0.856W	0.458W
9.60V	31.8W	20.1W	15.6W	9.39W	5.52W	2.36W	1.54W	0.862W	0.463W

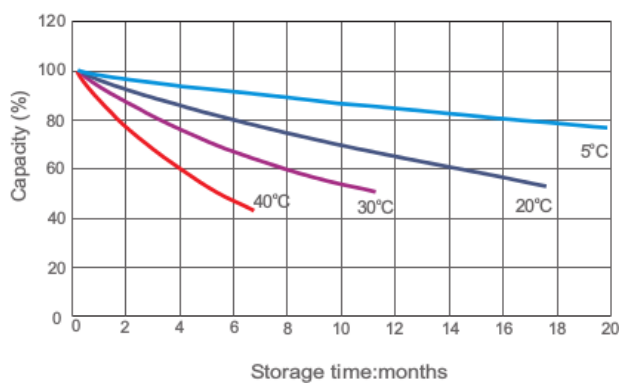
CHARGE CHARACTERISTICS



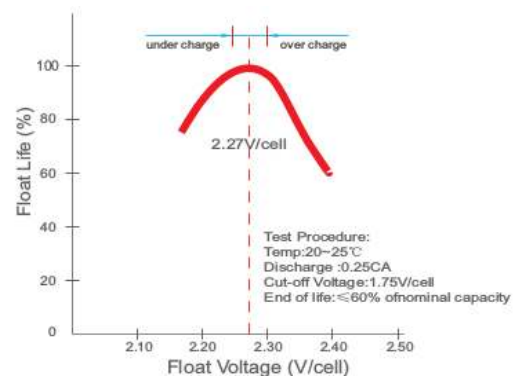
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	7 Ah (C20)
Energy	84 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2.1 A
Max. Discharge Current	105 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-7SE** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 1.8 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2.1 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-7 (12 V · 7 Ah) · **RGP12-7.2** (12 V · 7.2 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-7.2 is a 12 V, 7.2 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 2.2 kg. It stores 86 Wh and delivers up to 105 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-7.2**.

Nominal Voltage	12 V
Capacity (25°C)	7.2 Ah (C20)
Energy	86 Wh
Weight	2.2 kg
Dimensions	151 × 65 × 93 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

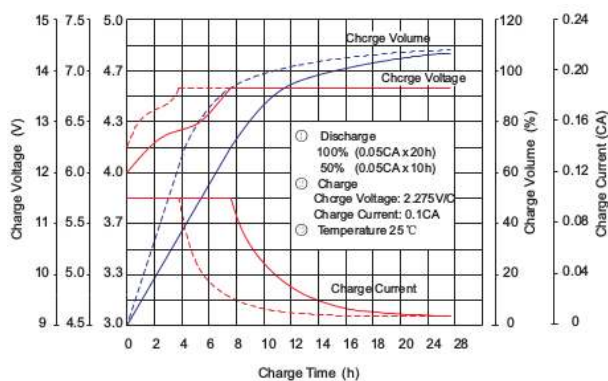
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	18A	14.1A	11.9A	7.33A	4.37A	1.89A	1.22A	0.67A	0.343A
10.80 V	20.3A	14.9A	12.2A	7.48A	4.44A	1.92A	1.23A	0.68A	0.352A
10.50 V	22.7A	15.8A	12.5A	7.62A	4.53A	1.95A	1.25A	0.69A	0.36A
10.20 V	24.9A	16.5A	12.9A	7.8A	4.61A	1.97A	1.26A	0.7A	0.368A
10.02 V	26.8A	17.3A	13.2A	7.93A	4.68A	1.98A	1.28A	0.71A	0.375A
9.60 V	28.9A	17.9A	13.7A	8.13A	4.74A	2A	1.29A	0.72A	0.382A

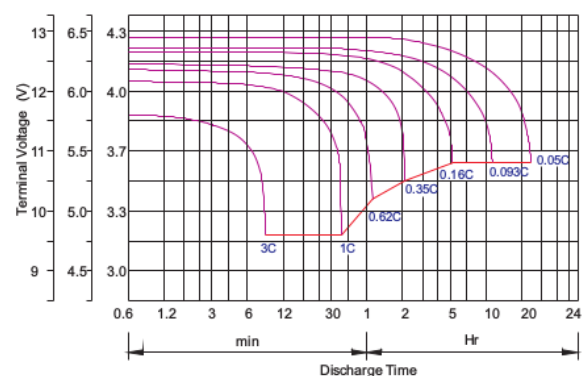
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	33.8W	26.7W	22.8W	14.1W	8.48W	3.72W	2.41W	1.33W	0.69W
10.80 V	37.6W	28W	23.1W	14.3W	8.52W	3.73W	2.42W	1.34W	0.7W
10.50 V	41.5W	29.3W	23.5W	14.4W	8.62W	3.75W	2.43W	1.35W	0.71W
10.20 V	44.9W	30.3W	23.8W	14.6W	8.7W	3.76W	2.44W	1.36W	0.72W
10.02 V	47.8W	31.4W	24.2W	14.7W	8.78W	3.77W	2.45W	1.37W	0.73W
9.60 V	50.8W	32.2W	24.9W	15W	8.83W	3.78W	2.46W	1.38W	0.74W

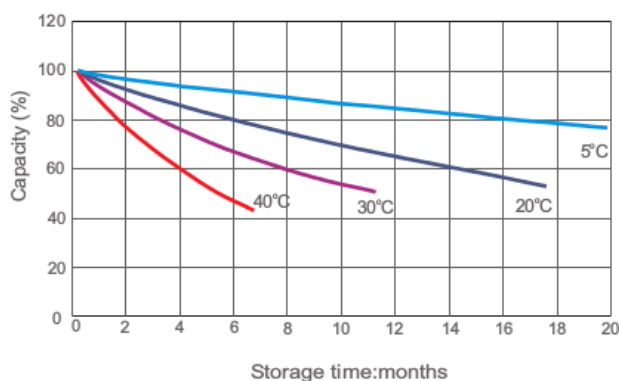
CHARGE CHARACTERISTICS



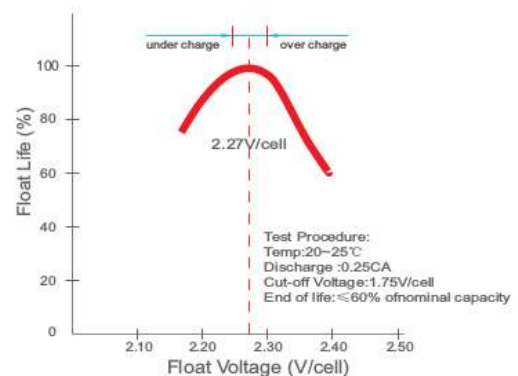
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	7.2 Ah (C20)
Energy	86 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2.16 A
Max. Discharge Current	105 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-7.2** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 2.2 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2.16 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-7SE (12 V · 7 Ah) · **RGP12-7.5** (12 V · 7.5 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-7.5 is a 12 V, 7.5 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 93 mm and weighs 2.35 kg. It stores 90 Wh and delivers up to 105 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-7.5**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	7.5 Ah (C20)
Energy	90 Wh
Weight	2.35 kg
Dimensions	151 × 65 × 93 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

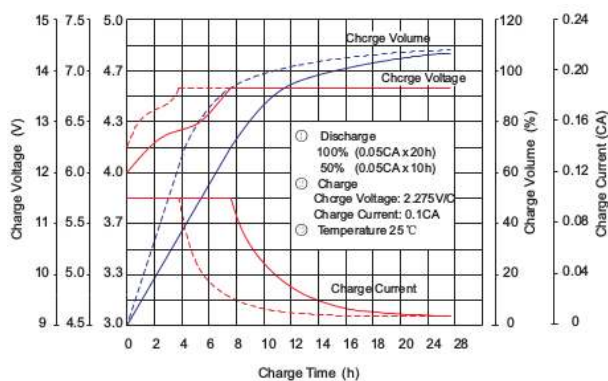
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	18.7A	14.7A	12.4A	7.64A	4.55A	1.97A	1.27A	0.7A	0.355A
10.80 V	21.2A	15.6A	12.7A	7.79A	4.62A	2A	1.28A	0.71A	0.365A
10.50 V	23.6A	16.5A	13.1A	7.94A	4.72A	2.03A	1.3A	0.72A	0.375A
10.20 V	25.9A	17.2A	13.4A	8.12A	4.8A	2.05A	1.32A	0.73A	0.382A
10.02 V	27.9A	18A	13.7A	8.27A	4.88A	2.07A	1.33A	0.74A	0.388A
9.60 V	30.1A	18.6A	14.2A	8.46A	4.94A	2.09A	1.35A	0.75A	0.395A

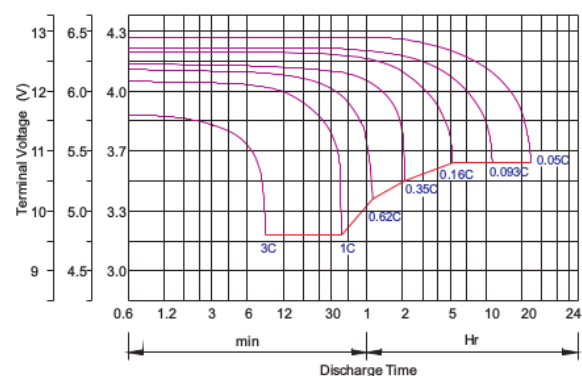
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	35.3W	27.9W	23.7W	14.7W	8.83W	3.87W	2.51W	1.39W	0.72W
10.80 V	39.2W	29.2W	24.1W	14.9W	8.87W	3.89W	2.52W	1.4W	0.73W
10.50 V	43.2W	30.6W	24.5W	15W	8.98W	3.91W	2.53W	1.41W	0.74W
10.20 V	46.8W	31.6W	24.8W	15.2W	9.06W	3.92W	2.54W	1.42W	0.75W
10.02 V	49.8W	32.7W	25.2W	15.4W	9.14W	3.93W	2.55W	1.43W	0.76W
9.60 V	52.9W	33.5W	25.9W	15.6W	9.2W	3.94W	2.57W	1.44W	0.77W

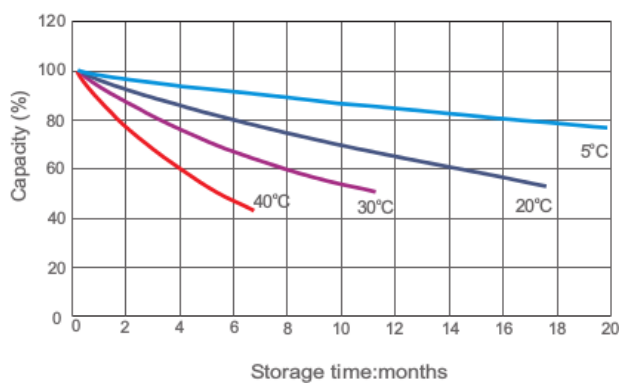
CHARGE CHARACTERISTICS



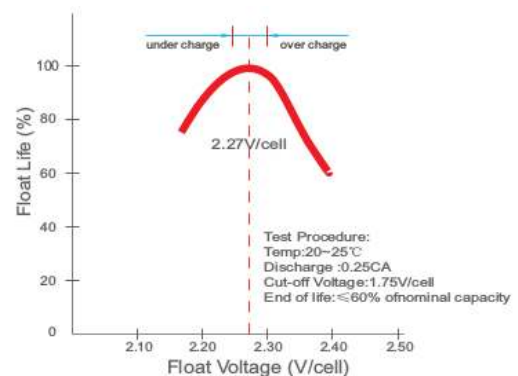
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	7.5 Ah (C20)
Energy	90 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2.16 A
Max. Discharge Current	105 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-7.5** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 93 mm

Total Height: 99 mm

Weight: 2.35 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2.16 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-7.2 (12 V · 7.2 Ah) · **RGP12-9** (12 V · 9 Ah) · [See all RGP series models](#)

Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-9 is a 12 V, 9 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 94 mm and weighs 2.55 kg. It stores 108 Wh and delivers up to 135 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-9**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	9 Ah (C20)
Energy	108 Wh
Weight	2.55 kg
Dimensions	151 × 65 × 94 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

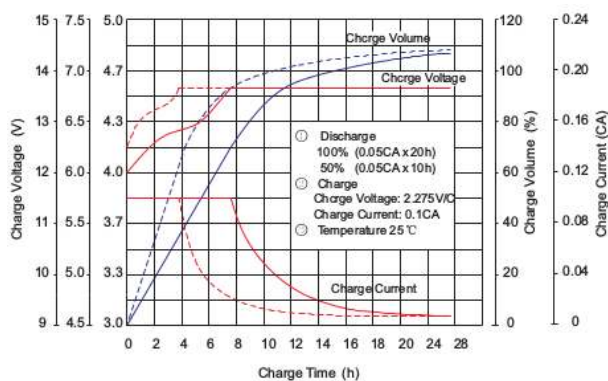
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	22.5A	17.6A	14.9A	9.17A	5.46A	2.37A	1.52A	0.84A	0.43A
10.80 V	25.4A	18.7A	15.3A	9.35A	5.54A	2.4A	1.54A	0.85A	0.44A
10.50 V	28.4A	19.8A	15.7A	9.52A	5.66A	2.43A	1.56A	0.86A	0.45A
10.20 V	31.1A	20.7A	16.1A	9.75A	5.76A	2.46A	1.58A	0.87A	0.46A
10.02 V	33.5A	21.6A	16.5A	9.92A	5.85A	2.48A	1.6A	0.88A	0.47A
9.60 V	36.1A	22.4A	17.1A	10.16A	5.92A	2.51A	1.62A	0.89A	0.48A

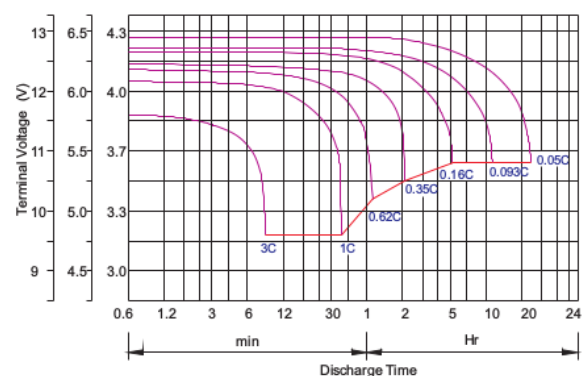
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	42.3W	33.4W	28.5W	17.6W	10.5W	4.65W	3W	1.66W	0.86W
10.80 V	47.1W	35W	28.9W	17.8W	10.6W	4.67W	3.02W	1.68W	0.88W
10.50 V	51.8W	36.7W	29.4W	18W	10.7W	4.69W	3.03W	1.69W	0.89W
10.20 V	56.1W	37.9W	29.8W	18.3W	10.8W	4.7W	3.05W	1.7W	0.91W
10.02 V	59.8W	39.2W	30.3W	18.4W	10.9W	4.71W	3.06W	1.71W	0.92W
9.60 V	63.5W	40.2W	31.1W	18.8W	11W	4.73W	3.08W	1.72W	0.93W

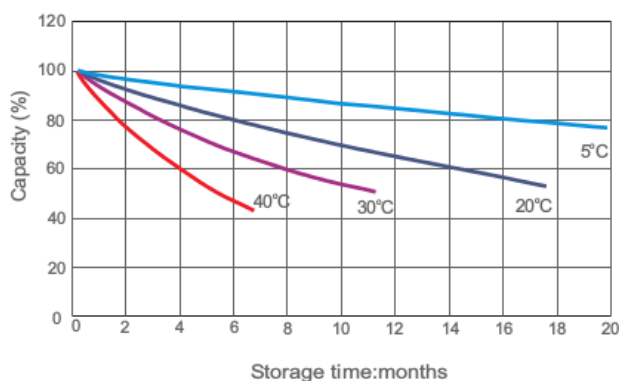
CHARGE CHARACTERISTICS



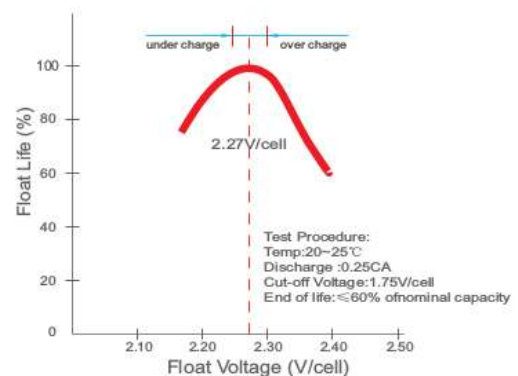
DISCHARGE CHARACTERISTIC 25°C



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	9 Ah (C20)
Energy	108 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	2.7 A
Max. Discharge Current	135 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-9** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 94 mm

Total Height: 100 mm

Weight: 2.55 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 2.7 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-7.5 (12 V · 7.5 Ah) · **RGP12-10** (12 V · 10 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-10 is a 12 V, 10 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 65 × 110 mm and weighs 2.8 kg. It stores 120 Wh and delivers up to 135 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-10**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	10 Ah (C20)
Energy	120 Wh
Weight	2.8 kg
Dimensions	151 × 65 × 110 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

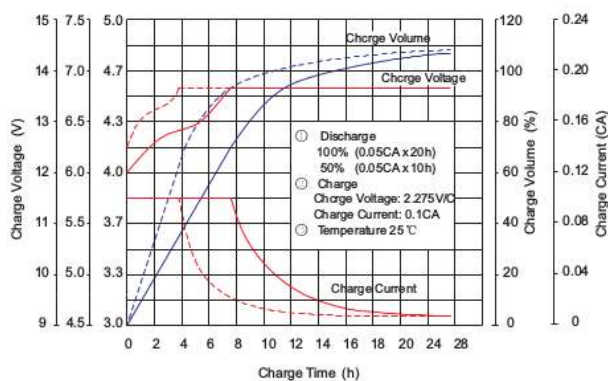
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	25A	19.6A	16.6A	10.2A	6.07A	2.63A	1.69A	0.93A	0.48A
10.80 V	28.2A	20.7A	17A	10.4A	6.16A	2.66A	1.71A	0.95A	0.49A
10.50 V	31.5A	21.9A	17.4A	10.6A	6.29A	2.7A	1.73A	0.96A	0.5A
10.20 V	34.5A	23A	17.9A	10.8A	6.4A	2.73A	1.75A	0.97A	0.51A
10.02 V	37.2A	24A	18.3A	11A	6.5A	2.76A	1.78A	0.98A	0.52A
9.60 V	40.1A	24.9A	19A	11.3A	6.58A	2.78A	1.8A	0.99A	0.53A

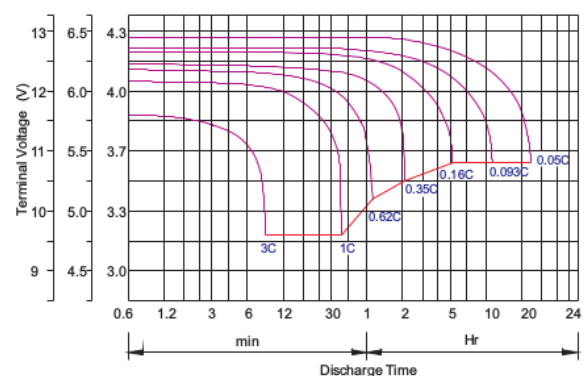
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	47W	37.1W	31.6W	19.6W	11.8W	5.17W	3.35W	1.86W	0.96W
10.80 V	52.3W	38.9W	32.1W	19.8W	11.8W	5.18W	3.36W	1.88W	0.98W
10.50 V	57.6W	40.7W	32.6W	20W	12W	5.22W	3.37W	1.88W	0.99W
10.20 V	62.4W	42.2W	33.1W	20.3W	12.1W	5.23W	3.39W	1.89W	1.01W
10.02 V	66.4W	43.6W	33.7W	20.5W	12.2W	5.23W	3.41W	1.9W	1.02W
9.60 V	70.6W	44.7W	34.6W	20.9W	12.3W	5.26W	3.42W	1.91W	1.03W

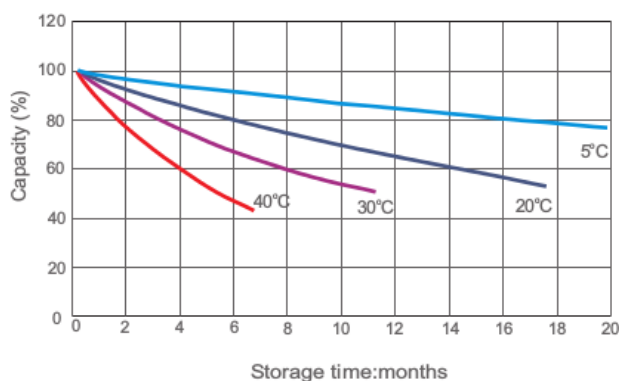
CHARGE CHARACTERISTICS



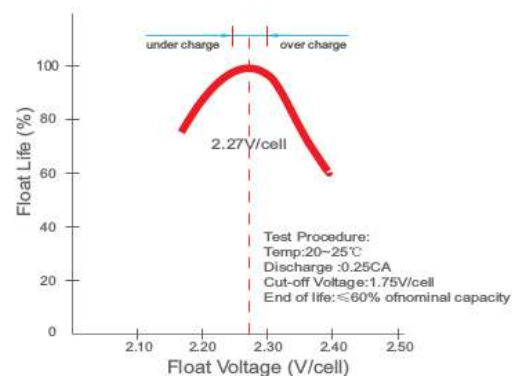
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	10 Ah (C20)
Energy	120 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	3 A
Max. Discharge Current	135 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-10** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 151 mm

Width: 65 mm

Height: 110 mm

Total Height: 117 mm

Weight: 2.8 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 3 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-9 (12 V · 9 Ah) · **RGP12-12** (12 V · 12 Ah) · [See all RGP series models](#)

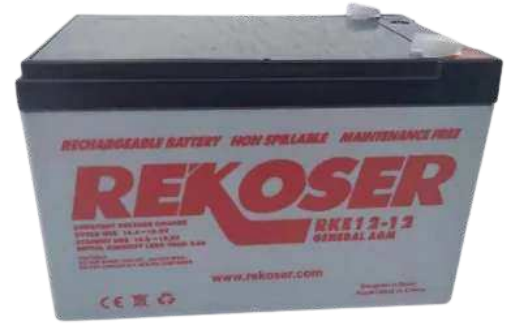
Specialized Technical Support

<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-12 is a 12 V, 12 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 151 × 98 × 95 mm and weighs 3.6 kg. It stores 144 Wh and delivers up to 180 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-12**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	12 Ah (C20)
Energy	144 Wh
Weight	3.6 kg
Dimensions	151 × 98 × 95 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

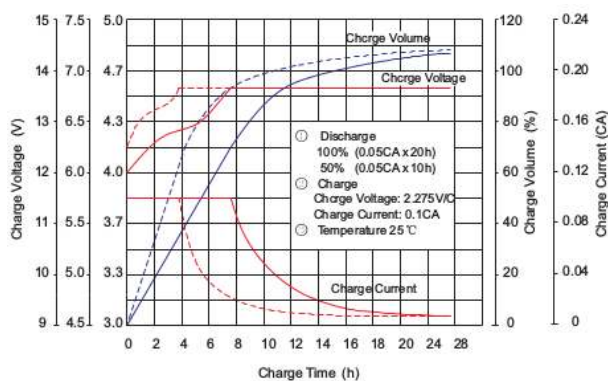
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	30A	23.5A	19.9A	12.2A	7.28A	3.16A	2.03A	1.12A	0.57A
10.80 V	33.9A	24.9A	20.4A	12.5A	7.39A	3.19A	2.05A	1.13A	0.59A
10.50 V	37.8A	26.3A	20.9A	12.7A	7.55A	3.24A	2.08A	1.15A	0.6A
10.20 V	41.5A	27.6A	21.4A	13A	7.68A	3.28A	2.1A	1.16A	0.61A
10.02 V	44.7A	28.8A	22A	13.2A	7.8A	3.31A	2.13A	1.17A	0.63A
9.60 V	48.1A	29.8A	22.8A	13.5A	7.9A	3.34A	2.16A	1.19A	0.64A

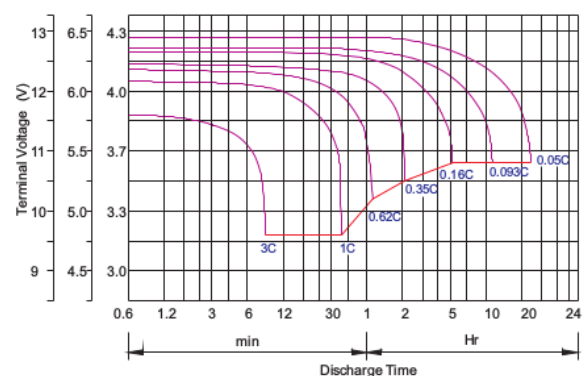
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	56.4W	44.6W	38W	23.5W	14.1W	6.2W	4.02W	2.24W	1.15W
10.80 V	62.7W	46.7W	38.6W	23.8W	14.2W	6.22W	4.03W	2.25W	1.17W
10.50 V	69.1W	48.9W	39.1W	24W	14.4W	6.26W	4.04W	2.26W	1.19W
10.20 V	74.8W	50.6W	39.7W	24.3W	14.5W	6.27W	4.07W	2.27W	1.21W
10.02 V	79.7W	52.3W	40.4W	24.6W	14.6W	6.28W	4.09W	2.28W	1.22W
9.60 V	84.7W	53.6W	41.5W	25W	14.7W	6.31W	4.11W	2.3W	1.23W

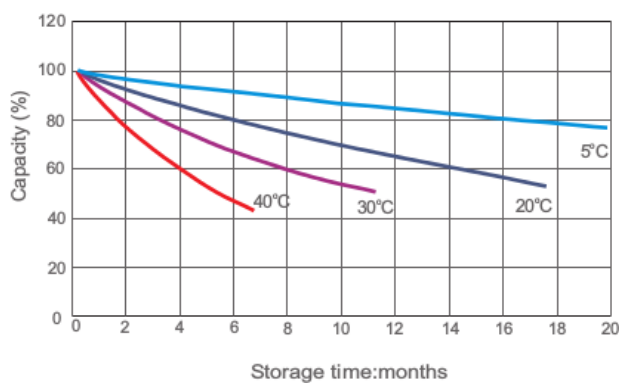
CHARGE CHARACTERISTICS



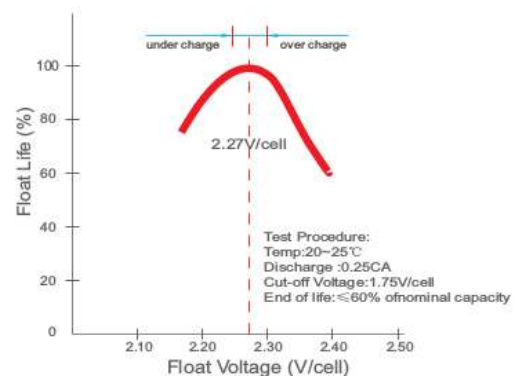
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	12 Ah (C20)
Energy	144 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	3.6 A
Max. Discharge Current	180 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-12** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

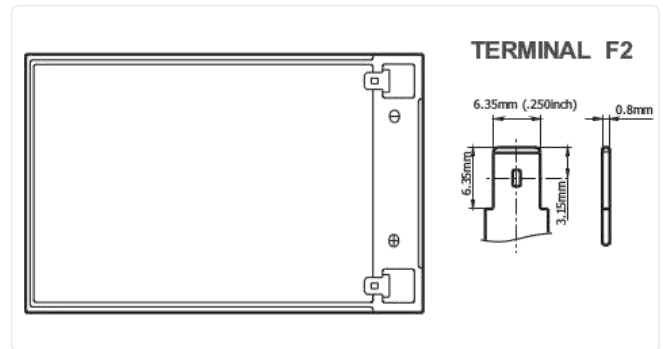
Length: 151 mm

Width: 98 mm

Height: 95 mm

Total Height: 101 mm

Weight: 3.6 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 3.6 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-10 (12 V · 10 Ah) · **RGP12-17** (12 V · 17 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-17 is a 12 V, 17 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 181 × 77 × 167 mm and weighs 5.1 kg. It stores 204 Wh and delivers up to 270 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-17**.

Nominal Voltage	12 V
Capacity (25°C)	17 Ah (C20)
Energy	204 Wh
Weight	5.1 kg
Dimensions	181 × 77 × 167 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

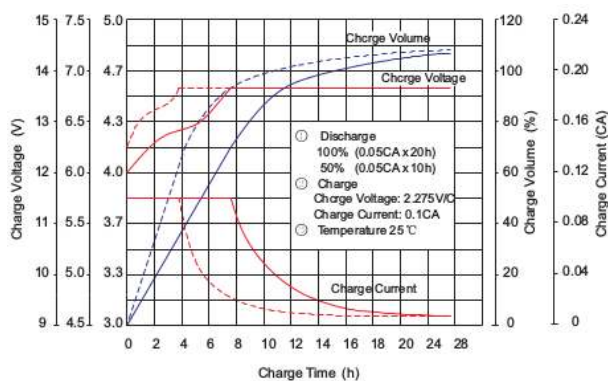
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	42.4A	33.2A	28.2A	17.3A	10.3A	4.47A	2.88A	1.59A	0.81A
10.80 V	48A	35.3A	28.9A	17.7A	10.5A	4.53A	2.91A	1.61A	0.83A
10.50 V	53.6A	37.3A	29.6A	18A	10.7A	4.6A	2.94A	1.63A	0.85A
10.20 V	58.7A	39.1A	30.4A	18.4A	10.9A	4.64A	2.98A	1.64A	0.87A
10.02 V	63.3A	40.8A	31.1A	18.7A	11.1A	4.68A	3.02A	1.66A	0.89A
9.60 V	68.1A	42.2A	32.2A	19.2A	11.2A	4.73A	3.06A	1.69A	0.9A

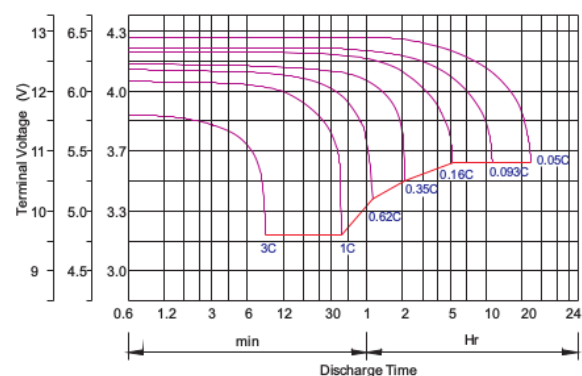
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	79.9W	63.1W	53.8W	33.3W	20W	8.78W	5.7W	3.17W	1.63W
10.80 V	88.9W	66.2W	54.6W	33.7W	20.1W	8.81W	5.71W	3.19W	1.66W
10.50 V	97.9W	69.3W	55.5W	34W	20.4W	8.87W	5.73W	3.2W	1.69W
10.20 V	106W	71.7W	56.3W	34.5W	20.5W	8.88W	5.76W	3.22W	1.71W
10.02 V	113W	74.1W	57.2W	34.8W	20.7W	8.9W	5.79W	3.23W	1.73W
9.60 V	120W	75.9W	58.8W	35.5W	20.9W	8.93W	5.82W	3.26W	1.75W

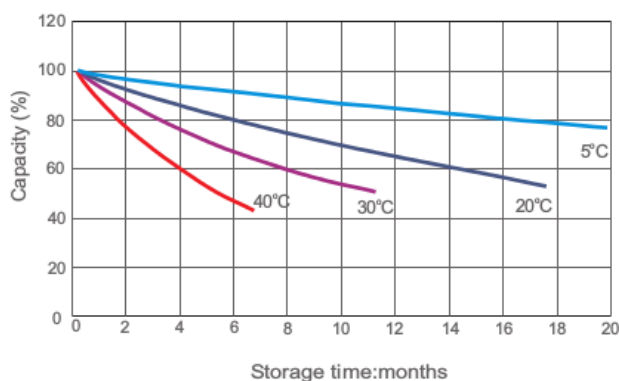
CHARGE CHARACTERISTICS



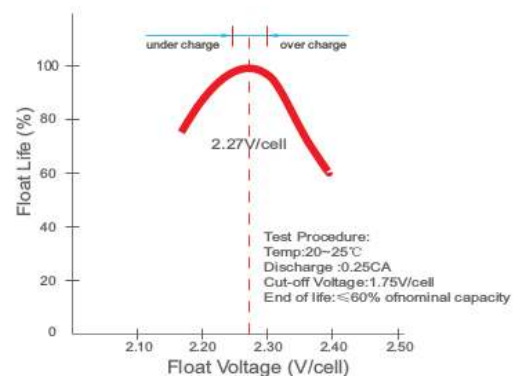
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	17 Ah (C20)
Energy	204 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	5.1 A
Max. Discharge Current	270 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-17** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

Length: 181 mm

Width: 77 mm

Height: 167 mm

Total Height: 167 mm

Weight: 5.1 kg

2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 5.1 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-12 (12 V · 12 Ah) · **RGP12-18** (12 V · 18 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-18 is a 12 V, 18 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 181 × 77 × 167 mm and weighs 5.4 kg. It stores 216 Wh and delivers up to 270 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-18**.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	18 Ah (C20)
Energy	216 Wh
Weight	5.4 kg
Dimensions	181 × 77 × 167 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years
(General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters
stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

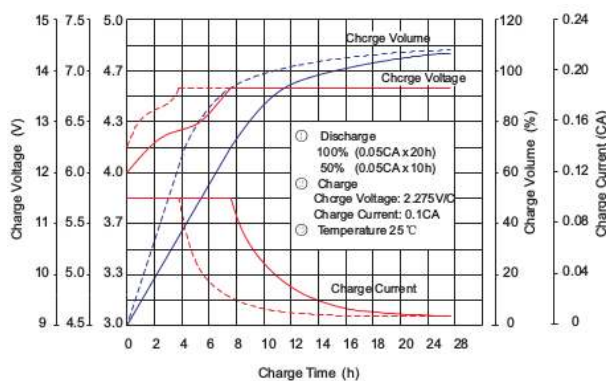
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	44.9A	35.2A	29.8A	18.3A	10.9A	4.73A	3.05A	1.68A	0.86A
10.80 V	50.8A	37.3A	30.6A	18.7A	11.1A	4.79A	3.08A	1.7A	0.88A
10.50 V	56.7A	39.5A	31.3A	19A	11.3A	4.87A	3.11A	1.72A	0.9A
10.20 V	62.2A	41.3A	32.1A	19.5A	11.5A	4.92A	3.16A	1.74A	0.92A
10.02 V	67A	43.2A	33A	19.8A	11.7A	4.96A	3.2A	1.76A	0.94A
9.60 V	72.1A	44.7A	34.1A	20.3A	11.8A	5.01A	3.24A	1.79A	0.95A

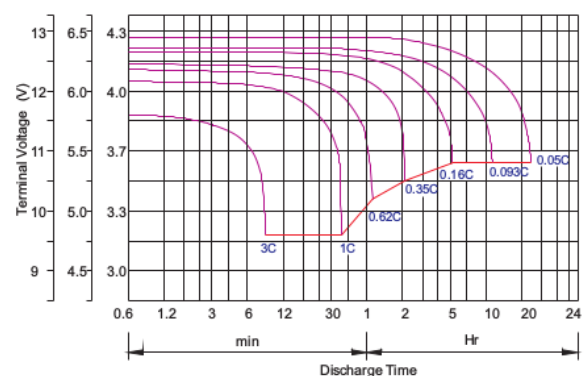
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	84.6W	66.9W	57W	35.3W	21.2W	9.3W	6.03W	3.36W	1.72W
10.80 V	94.1W	70.1W	57.8W	35.6W	21.3W	9.33W	6.04W	3.38W	1.76W
10.50 V	104W	73.3W	58.7W	36W	21.5W	9.39W	6.06W	3.39W	1.79W
10.20 V	112W	75.9W	59.6W	36.5W	21.8W	9.41W	6.1W	3.41W	1.81W
10.02 V	120W	78.4W	60.6W	36.9W	21.9W	9.42W	6.13W	3.42W	1.83W
9.60 V	127W	80.4W	62.3W	37.5W	22.1W	9.46W	6.16W	3.45W	1.85W

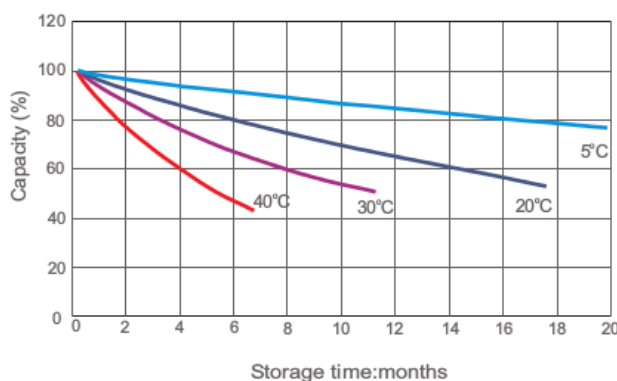
CHARGE CHARACTERISTICS



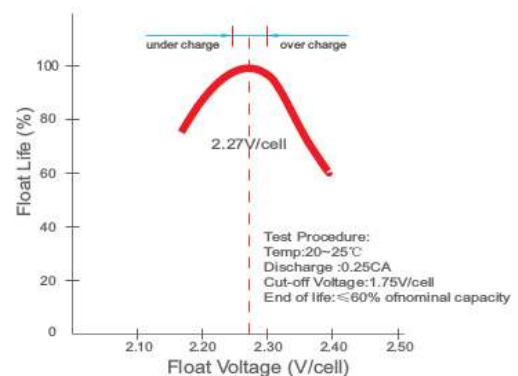
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	18 Ah (C20)
Energy	216 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	5.4 A
Max. Discharge Current	270 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-18** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

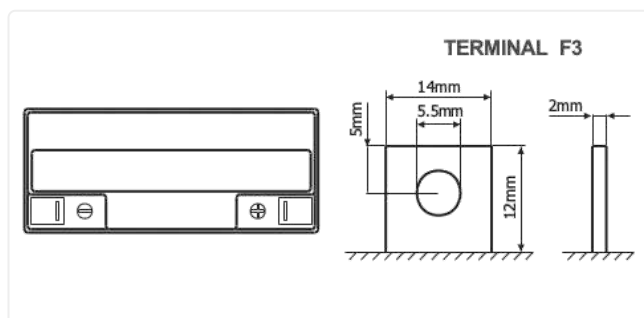
Length: 181 mm

Width: 77 mm

Height: 167 mm

Total Height: 167 mm

Weight: 5.4 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 5.4 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-17 (12 V · 17 Ah) · **RGP12-20** (12 V · 20 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-20 is a 12 V, 20 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 181 × 77 × 167 mm and weighs 5.7 kg. It stores 240 Wh and delivers up to 270 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-20**.

Nominal Voltage	12 V
Capacity (25°C)	20 Ah (C20)
Energy	240 Wh
Weight	5.7 kg
Dimensions	181 × 77 × 167 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

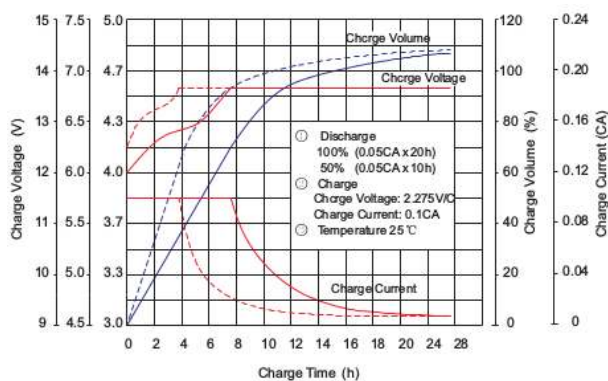
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	49.9A	39.1A	33.1A	20.4A	12.1A	5.26A	3.39A	1.89A	0.95A
10.80 V	56.5A	41.5A	34A	20.8A	12.3A	5.32A	3.42A	1.89A	0.98A
10.50 V	63A	43.9A	34.8A	21.2A	12.6A	5.41A	3.46A	1.91A	1A
10.20 V	69.1A	45.9 84.3A	35.7A	21.7A	12.8A	5.46A	3.51A	1.93A	1.02A
10.02 V	74.5A	48A	36.6A	22A	13A	5.51A	3.56A	1.96A	1.04A
9.60 V	80.2A	49.7A	37.9A	22.6A	13.2A	5.57A	3.6A	1.98A	1.06A

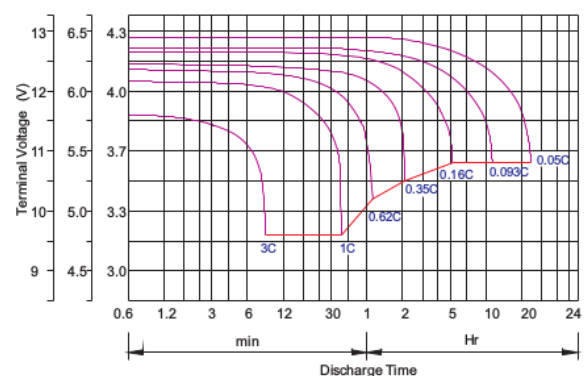
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	94W	74.3W	63.3W	39.2W	23.5W	10.3W	6.7W	3.73W	1.92W
10.80 V	105W	77.9W	64.3W	39.6W	23.7W	10.4W	6.71W	3.75W	1.95W
10.50 V	115W	81.5W	65.2W	40W	23.9W	10.4W	6.74W	3.77W	1.99W
10.20 V	125W	W	66.2W	40.6W	24.2W	10.5W	6.78W	3.79W	2.01W
10.02 V	133W	87.2W	67.3W	41W	24.4W	10.5W	6.81W	3.8W	2.04W
9.60 V	141W	89.3W	69.2W	41.7W	24.5W	10.5W	6.84W	3.83W	2.06W

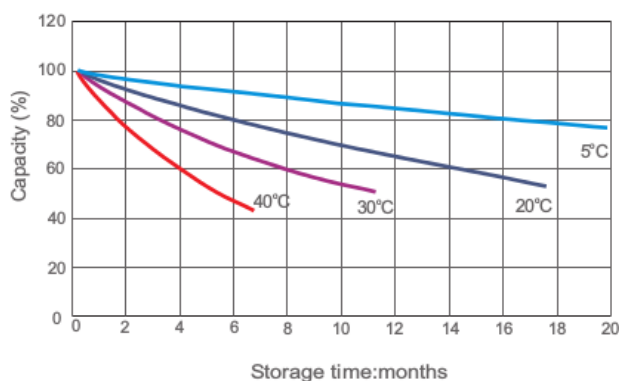
CHARGE CHARACTERISTICS



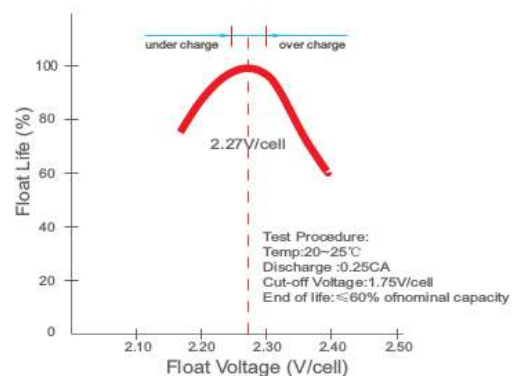
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	20 Ah (C20)
Energy	240 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	6 A
Max. Discharge Current	270 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-20** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

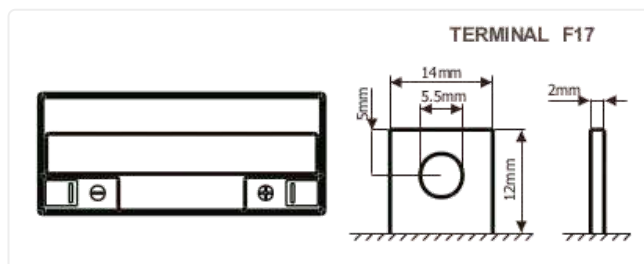
Length: 181 mm

Width: 77 mm

Height: 167 mm

Total Height: 167 mm

Weight: 5.7 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 6 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-18 (12 V · 18 Ah) · **RGP12-24** (12 V · 24 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-24 is a 12 V, 24 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 166 × 175 × 125 mm and weighs 7.8 kg. It stores 288 Wh and delivers up to 310 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-24**.

Nominal Voltage	12 V
Capacity (25°C)	24 Ah (C20)
Energy	288 Wh
Weight	7.8 kg
Dimensions	166 × 175 × 125 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

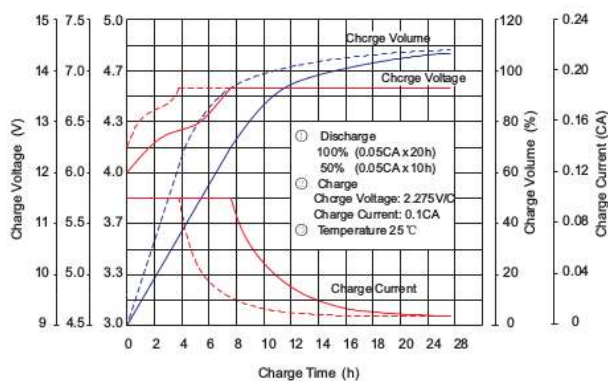
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	59.9A	46.9A	39.7A	24.4A	14.6A	6.31A	4.07A	2.24A	1.14A
10.80 V	67.7A	49.8A	40.8A	24.9A	14.8A	6.39A	4.1A	2.27A	1.17A
10.50 V	75.6A	52.7A	41.8A	25.4A	15.1A	6.49A	4.15A	2.3A	1.2A
10.20 V	82.9A	55.1A	42.9A	26A	15.4A	6.55A	4.21A	2.32A	1.23A
10.02 V	89.4A	57.6A	44A	26.4A	15.6A	6.61A	4.27A	2.35A	1.25A
9.60 V	96.2A	59.6A	45.5A	27.1A	15.8A	6.68A	4.32A	2.38A	1.27A

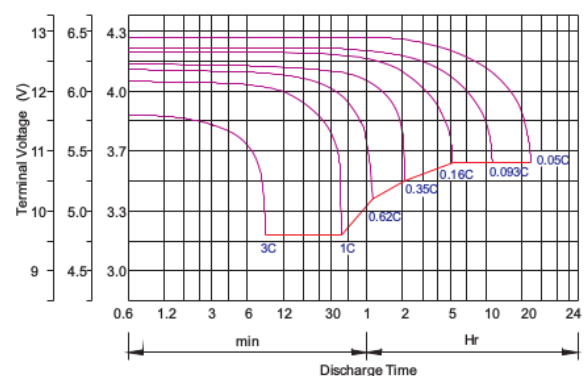
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	113W	89.2W	76W	47W	28.3W	12.2W	8.04W	4.47W	2.3W
10.80 V	125W	93.4W	77.1W	47.5W	28.4W	12.3W	8.06W	4.51W	2.34W
10.50 V	138W	97.8W	78.3W	48W	28.7W	12.4W	8.08W	4.52W	2.38W
10.20 V	150W	101W	79.5W	48.7W	29W	12.5W	8.13W	4.54W	2.42W
10.02 V	159W	105W	80.8W	49.1W	29.3W	12.6W	8.17W	4.56W	2.44W
9.60 V	169W	107W	83W	50.1W	29.4W	12.7W	8.21W	4.6W	2.47W

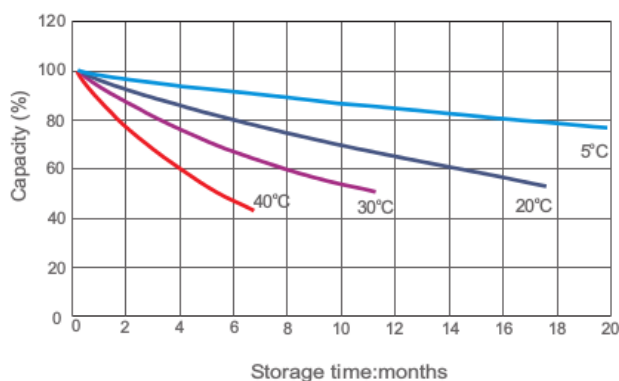
CHARGE CHARACTERISTICS



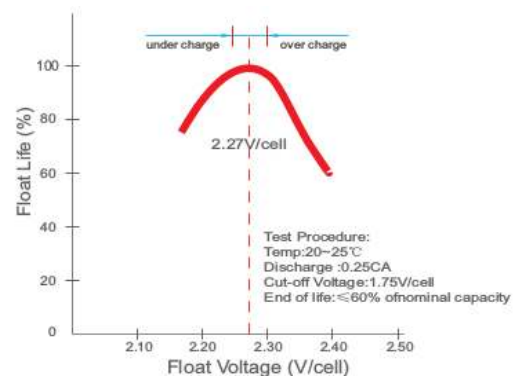
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	24 Ah (C20)
Energy	288 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	7.2 A
Max. Discharge Current	310 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your REKOSER RGP12-24 battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

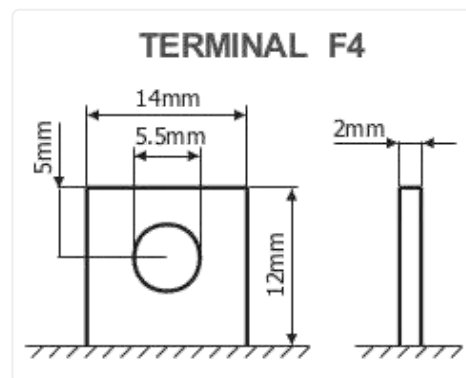
Length: 166 mm

Width: 175 mm

Height: 125 mm

Total Height: 125 mm

Weight: 7.8 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 7.2 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-20 (12 V · 20 Ah) · **RGP12-26** (12 V · 26 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-26 is a 12 V, 26 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 166 × 175 × 125 mm and weighs 8.3 kg. It stores 312 Wh and delivers up to 310 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly RKE12-26.



MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

Nominal Voltage	12 V
Capacity (25°C)	26 Ah (C20)
Energy	312 Wh
Weight	8.3 kg
Dimensions	166 × 175 × 125 mm

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

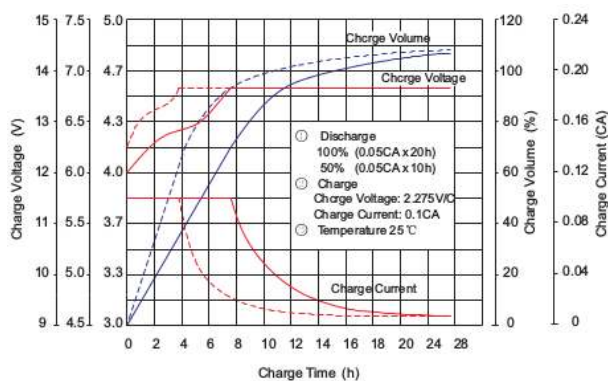
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	64.9A	50.8A	43.1A	26.5A	15.8A	6.84A	4.4A	2.43A	1.24A
10.80 V	73.4A	53.9A	44.2A	27A	16A	6.92A	4.45A	2.46A	1.27A
10.50 V	81.9A	57.1A	45.3A	27.5A	16.4A	7.03A	4.5A	2.49A	1.3A
10.20 V	89.8A	59.7A	46.4A	28.2A	16.6A	7.1A	4.56A	2.51A	1.33A
10.02 V	96.8A	62.4A	47.6A	28.7A	16.9A	7.16A	4.62A	2.54A	1.35A
9.60 V	104A	64.6A	49.3A	29.3A	17.1A	7.24A	4.67A	2.58A	1.38A

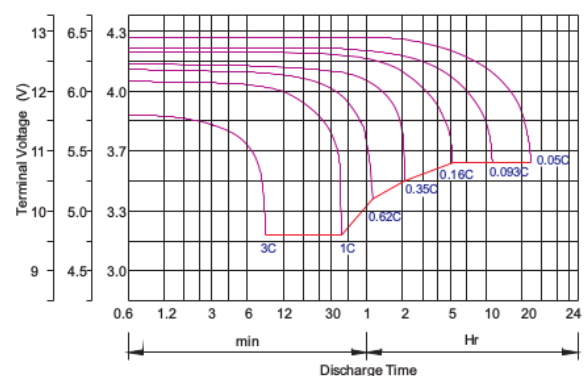
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	122W	96.6W	82.3W	51W	30.6W	13.3W	8.71W	4.85W	2.49W
10.80 V	136W	101W	83.5W	51.5W	30.8W	13.4W	8.73W	4.88W	2.54W
10.50 V	150W	106W	84.8W	52W	31.1W	13.5W	8.76W	4.9W	2.58W
10.20 V	162W	110W	86.1W	52.7W	31.4W	13.6W	8.81W	4.92W	2.62W
10.02 V	173W	113W	87.5W	53.2W	31.7W	13.7W	8.85W	4.94W	2.65W
9.60 V	183W	116W	89.9W	54.2W	31.9W	13.8W	8.9W	4.98W	2.68W

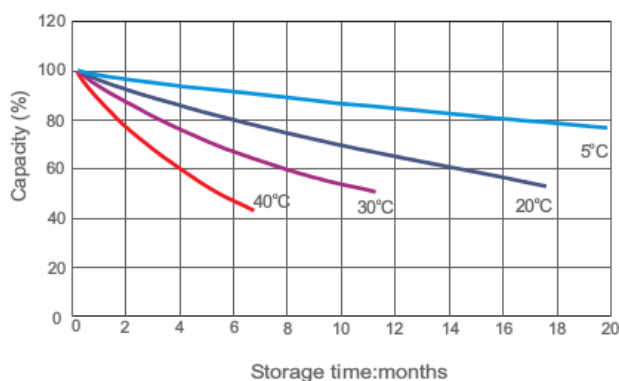
CHARGE CHARACTERISTICS



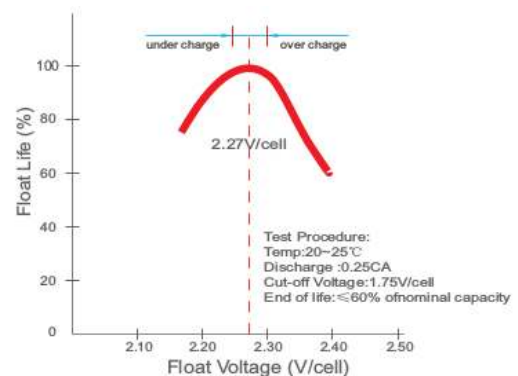
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	26 Ah (C20)
Energy	312 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	7.8 A
Max. Discharge Current	310 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your **REKOSER RGP12-26** battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

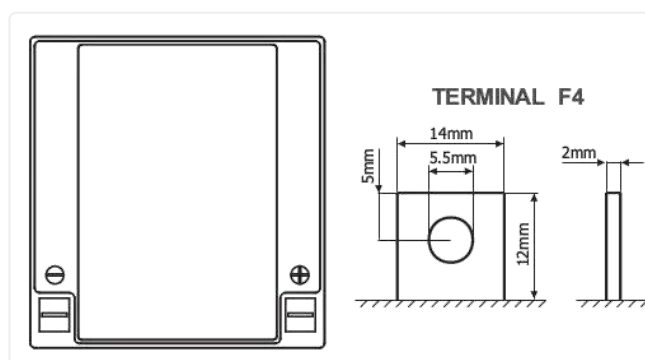
Length: 166 mm

Width: 175 mm

Height: 125 mm

Total Height: 125 mm

Weight: 8.3 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 7.8 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-24 (12 V · 24 Ah) · **RGP12-28** (12 V · 28 Ah) · [See all RGP series models](#)

Specialized Technical Support
<https://rekoser.com> | +34 958 04 29 73

Versatility and reliability for volume applications.

The RGP12-28 is a 12 V, 28 Ah (20-hour rate) AGM lead-acid battery from the Rekoser General Purpose (AGM) series. It measures 165 × 125 × 175 mm and weighs 8.6 kg. It stores 336 Wh and delivers up to 330 A. Versatility and reliability for volume applications. Typical applications: UPS and Data Centers, Security and Alarm Systems and Emergency Lighting.

Formerly **RKE12-28**.

Nominal Voltage	12 V
Capacity (25°C)	28 Ah (C20)
Energy	336 Wh
Weight	8.6 kg
Dimensions	165 × 125 × 175 mm

MAIN ADVANTAGES

- ✓ **AGM Technology:** Fully sealed, maintenance-free, and leak-proof.
- ✓ **High Energy Density:** Optimized for critical and rapid discharges.
- ✓ **Low Self-Discharge:** Pb-Ca alloy allows for long storage periods.
- ✓ **Advanced Safety:** Safety valves and reinforced ABS container.

9
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 6-9 Years (General Purpose).

2
YEARS

WARRANTY

* Subject to charge and temperature parameters stipulated in this datasheet.

MAIN APPLICATIONS



UPS AND DATA CENTERS



SECURITY AND ALARM
SYSTEMS



EMERGENCY LIGHTING

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

GB/T19639

IEC 61056

JIS C8702

GRAPHICS (25°C)

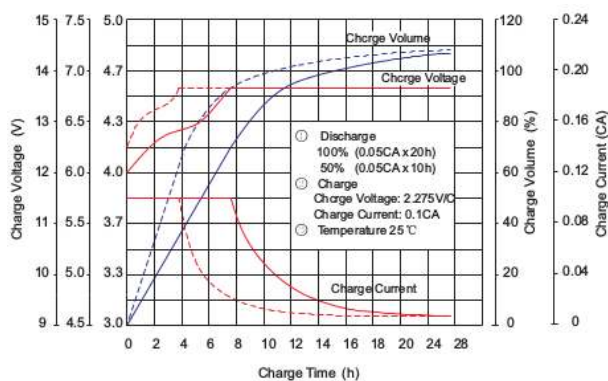
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	69.9A	54.7A	46.4A	28.5A	17A	7.36A	4.74A	2.61A	1.33A
10.80 V	79A	58.1A	47.6A	29.1A	17.2A	7.45A	4.79A	2.65A	1.37A
10.50 V	88.2A	61.5A	48.7A	29.6A	17.6A	7.57A	4.84A	2.68A	1.4A
10.20 V	96.7A	64.3A	50A	30.3A	17.9A	7.65A	4.91A	2.71A	1.43A
10.02 V	104A	67.2A	51.3A	30.9A	18.2A	7.71A	4.98A	2.74A	1.46A
9.60 V	112A	69.6A	53.1A	31.6A	18.4A	7.79A	5.03A	2.78A	1.48A

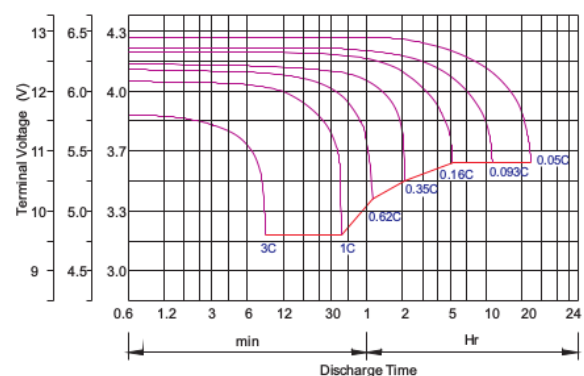
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	132W	104W	88.6W	54.9W	33W	14.3W	9.39W	5.22W	2.68W
10.80 V	146W	109W	90W	55.4W	33.1W	14.4W	9.4W	5.26W	2.74W
10.50 V	161W	114W	91.3W	56W	33.5W	14.5W	9.43W	5.28W	2.78W
10.20 V	175W	118W	92.7W	56.8W	33.8W	14.6W	9.49W	5.3W	2.82W
10.02 V	186W	122W	94.2W	57.3W	34.1W	14.7W	9.53W	5.32W	2.85W
9.60 V	198W	125W	96.9W	58.4W	34.3W	14.8W	9.58W	5.36W	2.88W

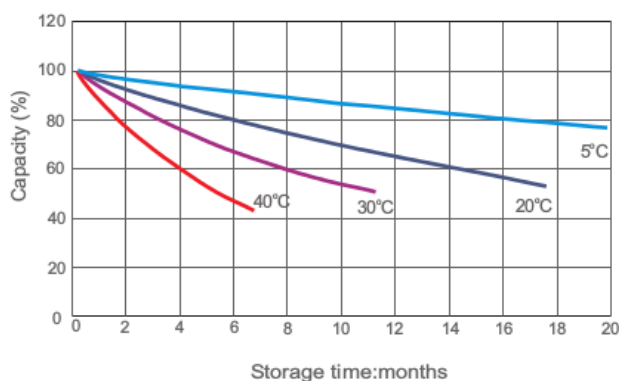
CHARGE CHARACTERISTICS



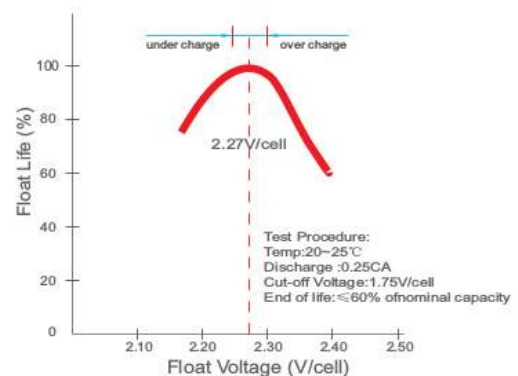
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	28 Ah (C20)
Energy	336 Wh
Cell number	6
Charge Voltage (25°C)	Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A Float use: 13.6-13.8V (-20mV/C)
Max. Charge Current	8.4 A
Max. Discharge Current	330 A
Internal Resistance	10 mΩ
Self Discharge	3 % of capacity per month at 25 °C
Capacity Affected by Temperature	40 °C: 102 %, 25 °C: 100 %, 0 °C: 85 %, -15 °C: 65 %

CONSTRUCTION

Component	Material
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Electrolyte	Sulphuric acid
Negative	Lead
Positive	Lead dioxide
Safety Valve	Rubber
Sealant	Epoxy Resin
Separator	Fibre Glass
Terminal	Copper

QUICK INSTALLATION GUIDE

To ensure optimal performance and maximize the lifespan of your REKOSER RGP12-28 battery, follow these assembly and connection guidelines.

1. SPACE AND DIMENSION VERIFICATION

Before proceeding, ensure the receptacle or cabinet of your equipment complies with the unit's physical measurements:

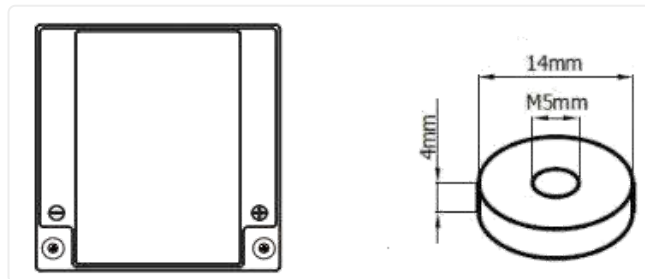
Length: 165 mm

Width: 125 mm

Height: 175 mm

Total Height: 175 mm

Weight: 8.6 kg



2. TERMINALS AND POLARITY

Polarity: Check the positive and negative markings on the battery before connecting, to prevent short circuits.

3. CHARGE PARAMETERS

Cycle use: 14.6-14.8V (-30mV/C), max. Current 2.1A

Float use: 13.6-13.8V (-20mV/C)

Maximum Current: Do not exceed 8.4 A of charge.

4. SAFETY AND STORAGE

Maintenance: Sealed AGM technology, maintenance-free and leak-proof.

Position: Can be installed in any orientation, except inverted.

Storage: Store charged, in a cool and dry place, and recharge periodically.

NEARBY MODELS

RGP12-26 (12 V · 26 Ah) · See all RGP series models

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