

Endurance for frequent charge/discharge cycling.

The RDC12-260 is a 12 V, 260 Ah (10-hour rate) AGM Deep Cycle lead-acid battery from the Rekoser Deep Cycle (AGM) series. It measures 520 × 269 × 220 mm and weighs 72 kg, with F12 terminals. It stores 3.12 kWh and delivers up to 1000 A. Endurance for frequent charge/discharge cycling. Typical applications: Solar/Wind Energy Systems and Light Electric Vehicles.

Formerly **RKC12-260**.

Nominal Voltage	12 V
Capacity (25°C)	260 Ah (C10)
Energy	3120 Wh
Weight	72 kg
Terminal	F12
Dimensions	520 × 269 × 220 mm

MAIN ADVANTAGES

- ✓ **Cycling:** Optimized for more than 400 cycles at 80% DOD
- ✓ **Materials:** Specialized active material and thick plates
- ✓ **Versatility:** Suitable for both motive and stationary use
- ✓ **Efficiency:** High recharge acceptance

12
YEARS

LONG LIFE DESIGN

* EUROBAT CLASSIFICATION: 10-12 Years (High Performance).

2
YEARS

WARRANTY

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

MAIN APPLICATIONS



**SOLAR/WIND ENERGY
SYSTEMS**



LIGHT ELECTRIC VEHICLES

QUALITY STANDARDS

CE CERTIFIED

ISO 9001 / 14001

IEC 60896-21/22

JIS C8704

GB/T19639

GRAPHICS (25°C)

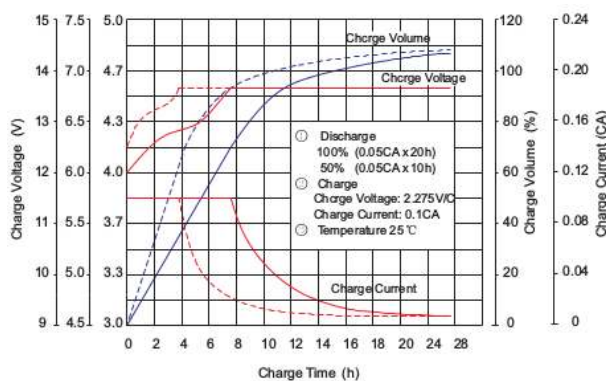
Constant Discharge Ratings (A) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	388A	352A	324A	230A	150A	67.2A	45A	25.3A	13.3A
10.80 V	454A	391A	355A	244A	157A	69.4A	46.1A	26A	13.6A
10.50 V	513A	430A	381A	255A	162A	70.8A	47.3A	26.5A	13.9A
10.20 V	590A	463A	410A	264A	165A	71.9A	47.9A	26.9A	14.2A
10.02 V	661A	509A	434A	274A	169A	72.8A	48.3A	27.2A	14.5A
9.60 V	741A	553A	461A	287A	174A	73.7A	48.9A	27.6A	14.8A

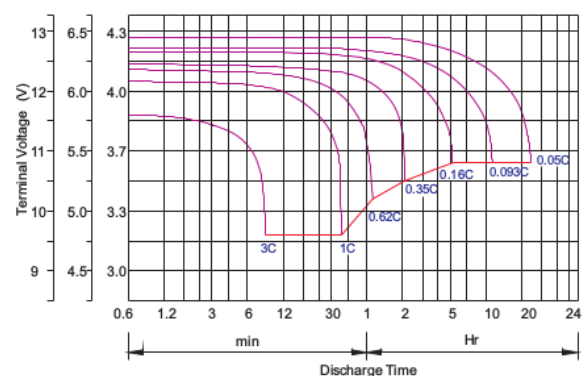
Constant Discharge Ratings (W) at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	732W	669W	619W	442W	291W	132W	89.1W	50.6W	26.8W
10.80 V	840W	733W	672W	464W	301W	135W	90.6W	51.7W	27.3W
10.50 V	938W	798W	714W	481W	309W	136W	92W	52.3W	27.6W
10.20 V	1065W	849W	761W	494W	312W	137W	92.4W	52.6W	27.9W
10.02 V	1179W	925W	798W	509W	318W	138W	92.6W	52.9W	28.4W
9.60 V	1305W	993W	841W	530W	324W	139W	93.1W	53.2W	28.8W

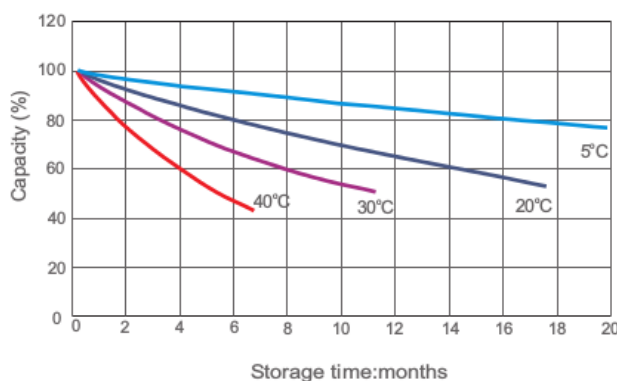
CHARGE CHARACTERISTICS



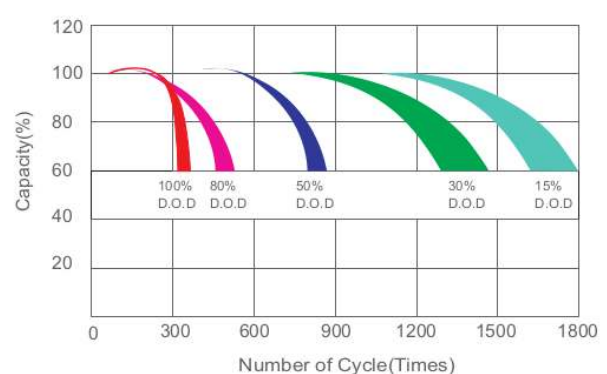
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



LIFE CHARACTERISTICS OF CYCLIC USE



SPECIFICATIONS

Nominal Voltage	12 V
Capacity (25°C)	260 Ah (C10)
Energy	3120 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	78 A
Max. Discharge Current	1000 A
Internal Resistance	25 mΩ
Self Discharge	3 % of capacity per month at 20 °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 RDC12-260** 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: 520 mm

Width: 269 mm

Height: 220 mm

Total Height: 225 mm

Weight: 72 kg

2. TERMINAL CONFIGURATION (F12)

Terminals: Ensure your system's connectors match the F12 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 78 A of charge.

4. SAFETY AND STORAGE

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

Cycling: Recharge fully after every discharge; never leave it discharged.

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

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

NEARBY MODELS

RDC12-250 (12 V · 250 Ah) · See all RDC series models

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