

## 2V250Ah @ 10HR

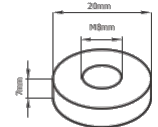
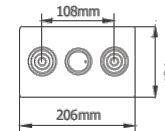
### Rekoser OPzV Battery

Rekoser OPzV battery. The RKV series adopts an Immobilized Gel and Tubular Positive Plate technology. It offers high reliability and stable performance. By using die-casted positive grid and patented active material formula, it exceeds the DIN standard values and offer 20+ years design life in float service. It is very suitable for cyclic use under extreme operating conditions. This series is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.



#### Complied standards

- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



#### SPECIFICATIONS

Nominal Voltage	2V			
Capacity (25°C)	250Ah @ 10HR			
Internal Resistance	Approx. 0.31mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-5mV/°C/cell)		Float - 2.25-2.29V (-3mV/°C/cell)	
Max. Charge Current	50A			
Max. Discharge Current	1000A			

#### DIMENSIONS AND WEIGHT

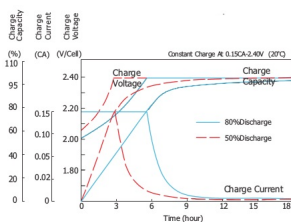
Dimensions (mm)	124x206x354(390)
Weight (kgs)	20.3

#### CONSTRUCTION

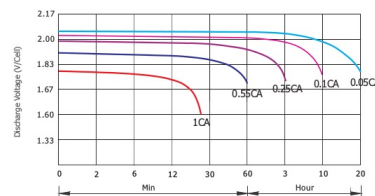
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

#### GRAPHICS

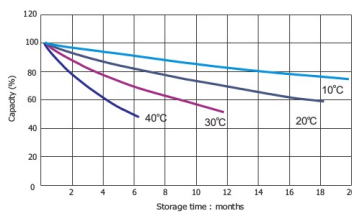
CHARGE CHARACTERISTICS



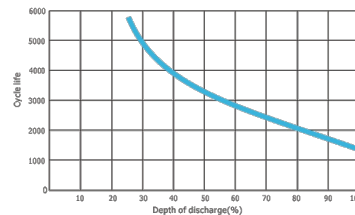
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



#### CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR	
1.90 V	91.7A	177W	89.2A	173W	83.3A	162W	70.0A	137W	50.0A	100W	37.0A	74.1W	21.9A	44.2W
1.85 V	144A	269W	132A	247W	113A	214W	89.2A	170W	59.3A	116W	42.8A	84.1W	24.0A	47.8W
1.80 V	187A	341W	170A	311W	137A	253W	108A	202W	65.7A	125W	44.6A	85.9W	25.0A	48.7W
1.75 V	199A	356W	187A	336W	161A	293W	118A	217W	67.5A	127W	45.5A	86.4W	25.8A	49.6W
1.70 V	216A	382W	205A	364W	177A	317W	125A	226W	68.8A	128W	46.3A	86.9W	26.3A	50.2W