

6V250Ah @ 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.

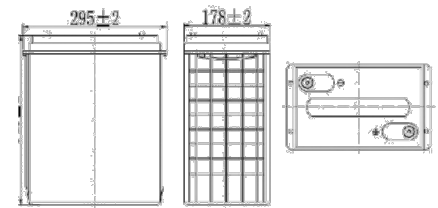


Complied standards

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

SPECIFICATIONS

Nominal Voltage	6V			
Capacity (25°C)	250Ah @ 10HR			
Internal Resistance	Approx. 4.7mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 20°C			
Cell number	3 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 7.05-7.20V (-5mV/°C/cell)		Float - 6.75-6.90V (-3mV/°C/cell)	
Max. Charge Current	60A			
Max. Discharge Current	1250A			



DIMENSIONS AND WEIGHT

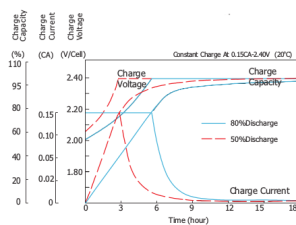
Dimensions (mm)	295x178x408(408)
Weight (kgs)	46.5

CONSTRUCTION

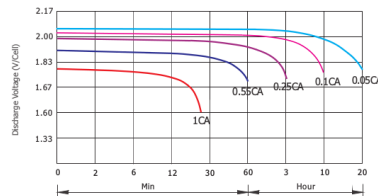
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

GRAPHICS

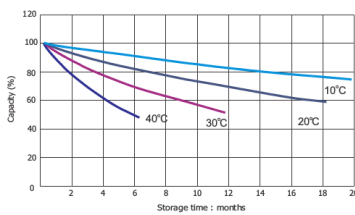
CHARGE CHARACTERISTICS



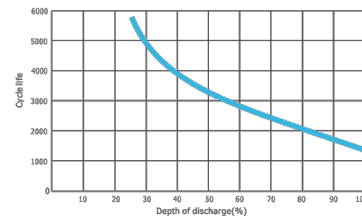
DISCHARGE CHARACTERISTIC 25°C



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



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

F.V / Time	30MIN		1HR		3HR		5HR		10HR		20HR	
5.40 V	185A	346W	116A	230W	60.1A	117W	43.1A	85.0W	25.0A	49.7W	13.2A	26.5W
5.25 V	192A	360W	125A	273W	62.0A	121W	44.5A	87.6W	25.1A	50.0W	13.3A	26.6W
5.10 V	197A	368W	127A	242W	62.3A	122W	44.7A	88.2W	25.3A	50.3W	13.3A	26.8W
4.95 V	204A	380W	131A	248W	62.8A	123W	45.1A	88.8W	25.3A	50.5W	13.5A	26.8W
4.80 V	207A	387W	132A	252W	63.2A	124W	45.3A	89.3W	25.5A	50.6W	13.5A	27.0W