

6V300Ah @ 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.

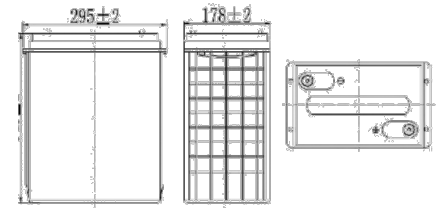


Complied standards

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

SPECIFICATIONS

Nominal Voltage	6V			
Capacity (25°C)	300Ah @ 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			



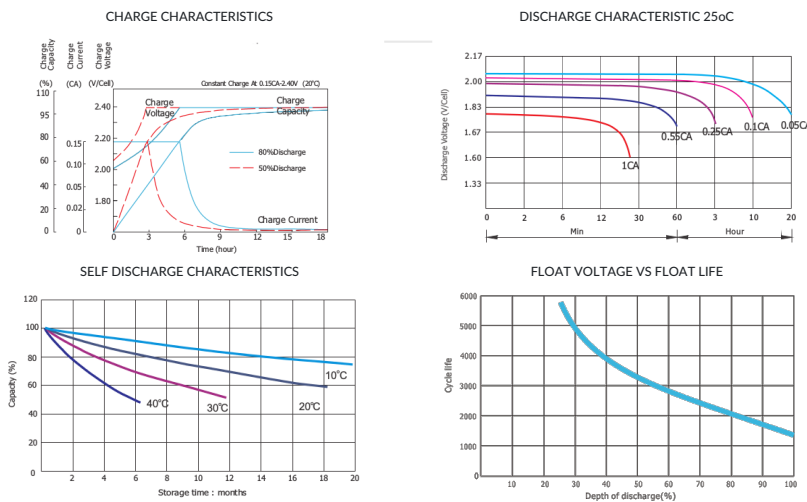
DIMENSIONS AND WEIGHT

Dimensions (mm)	295x178x405(405)
Weight (kgs)	52.5

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



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

F.V / Time	30MIN		1HR		3HR		5HR		10HR		20HR	
5.40 V	222A	516W	145A	276W	72.2A	141W	51.8A	102W	30.0A	59.7W	16.2A	31.2W
5.25 V	231A	432W	150A	285W	74.4A	146W	53.4A	105W	30.2A	60.0W	16.3A	31.4W
5.10 V	237A	442W	153A	291W	74.9A	147W	53.8A	106W	30.4A	60.5W	16.4A	31.6W
4.95 V	244A	456W	157A	298W	75.4A	148W	54.1A	107W	30.5A	60.7W	16.5A	31.8W
4.80 V	249A	466W	159A	303W	75.9A	149W	54.5A	107W	30.5A	60.8W	16.5A	32.0W