

12V150Ah @ 10HR

Rekoser OPzS Battery

Rekoser OPzS battery. The OPzS series is a traditional tubular plate flooded battery which offers 20+ years design life according to the standard IEC60896-11. With a new design and technical improvement, it offers maximum efficiency and reliability for the widest variety of applications. This series is highly suited for all standby power applications that require the highest levels of reliability and security.

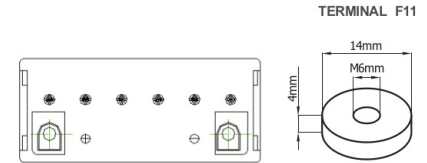


Complied standards

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

SPECIFICATIONS

Nominal Voltage	12V			
Capacity (25°C)	150Ah @ 10HR			
Internal Resistance	Approx. 0.35mOhm (fully charged @ 20°C)			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.1-14.4V (-5mV / o C/ cell)		Float - 13.2-13.5V (-3mV / o C/ cell)	
Max. Charge Current	30A			
Max. Discharge Current	960A			



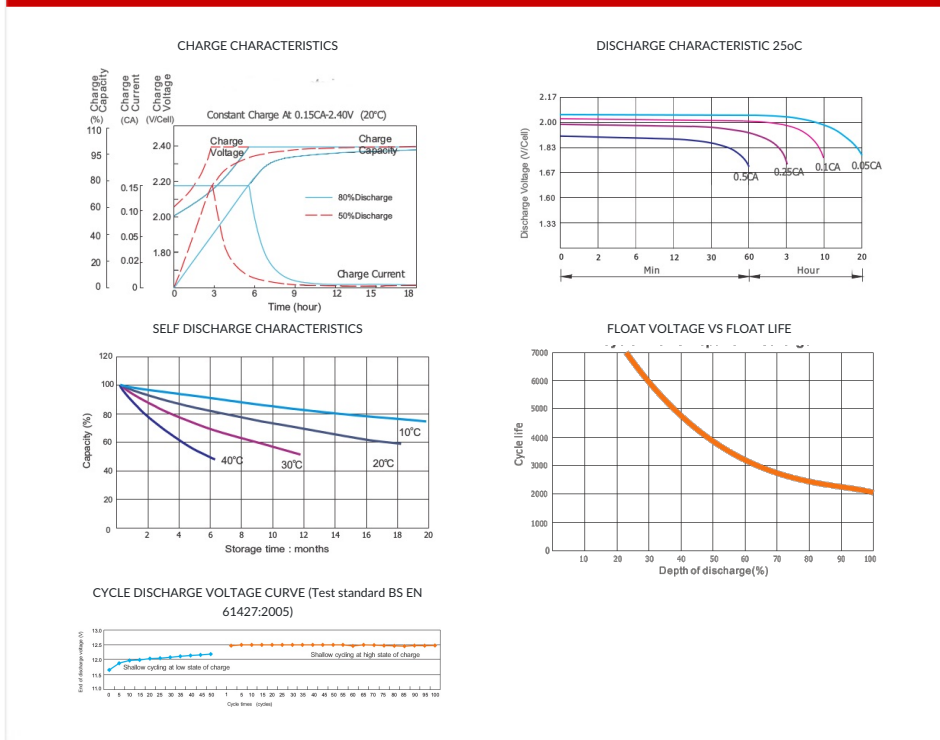
DIMENSIONS AND WEIGHT

Dimensions (mm)	522x238x218(218)
Weight (kgs)	w/o electrolyte: 52.5

CONSTRUCTION

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

GRAPHICS



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

F.V / Time	15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
1.60 V	159A	291W	123A	230W	84.0A	160W	39.3A	77.0W	27.7A	54.6W	15.3A	30.4W	8.25A	16.5W
1.65 V	155A	284W	121A	225W	82.7A	157W	39.1A	76.6W	27.6A	54.3W	15.2A	30.3W	8.23A	16.5W
1.70 V	149A	274W	117A	219W	80.6A	153W	38.5A	75.5W	27.2A	53.6W	15.2A	30.2W	8.21A	16.4W
1.75 V	144A	264W	114A	213W	79.0A	150W	38.3A	75.0W	27.0A	53.2W	15.1A	30.1W	8.16A	16.3W
1.80 V	137A	250W	110A	205W	76.6A	146W	37.1A	72.7W	26.2A	51.6W	15.0A	23.9W	8.1A	16.2W