

2V150Ah @ 10HR

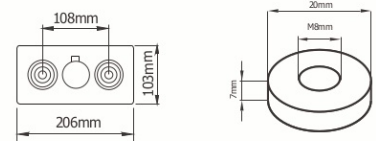
Rekoser OPzS Battery

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.



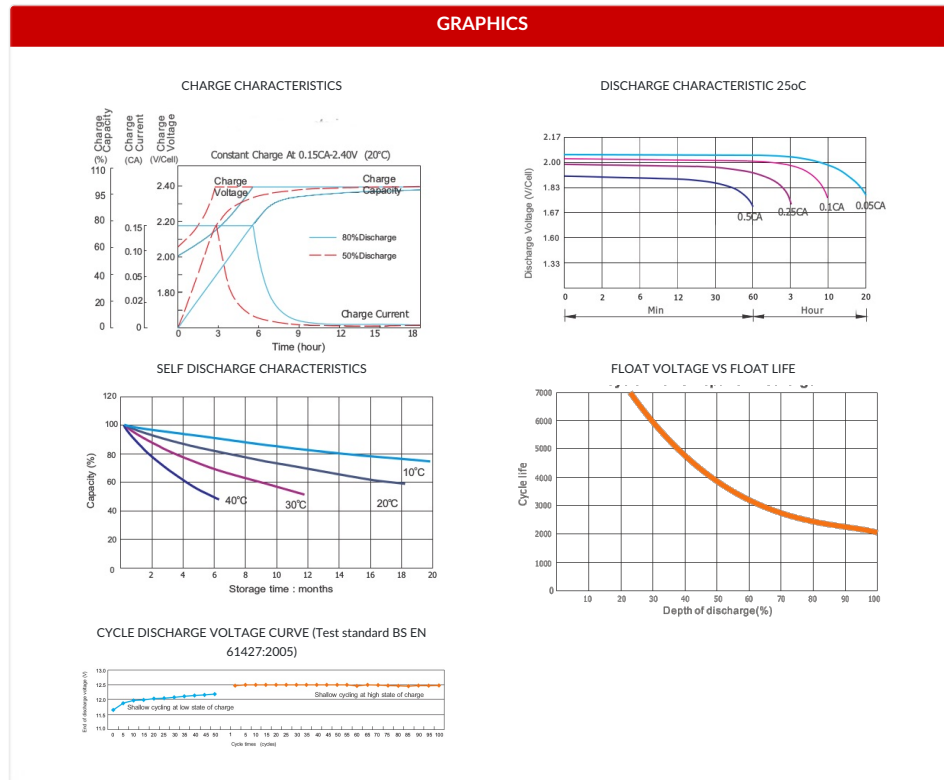
Complied standards

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



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	150Ah @ 10HR 162Ah @ 20HR 202.5Ah @ 100HR			
Internal Resistance	Approx. 0.35mOhm (fully charged @ 20°C)			
Self Discharge	3% of capacity declined per month at 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 - 2.21-2.25V (-3mV/°C/cell)	
Max. Charge Current	30A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	103x206x354(409)
Weight (kgs)	w/o electrolyte: 10.5



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

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

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR	100HR										
1.90 V	59.9A	116W	54.5A	106W	49.5A	94.8W	48.5A	91.7W	44.9A	86.3W	28.4A	61.7W	20.9A	44.7W	13.7A	28.2W	7.51A	15.1W	1.91A	4.13W
1.85 V	64.7A	125W	62.0A	120W	60.9A	117W	60.6A	114W	51.0A	98.1W	31.4A	64.5W	24.5A	49.7W	14.3A	30.6W	7.84A	16.5W	2.03A	4.3W
1.80 V	103A	200W	99.0A	192W	96.9A	165W	83.4A	152W	65.6A	129W	38.4A	82.1W	26.0A	56.7W	15.0A	33.0W	8.25A	17.1W	2.1A	4.41W
1.75 V	124A	240W	119A	231W	115A	169W	95.4A	153W	73.1A	130W	39.8A	86.9W	26.7A	59.3W	15.5A	34.4W	8.66A	17.5W	2.15A	4.45W