

2V2000Ah @ 10HR

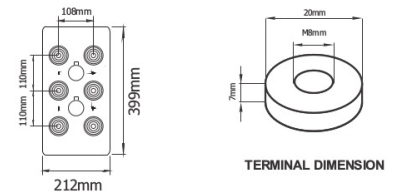
Rekoser OPzS Battery

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.



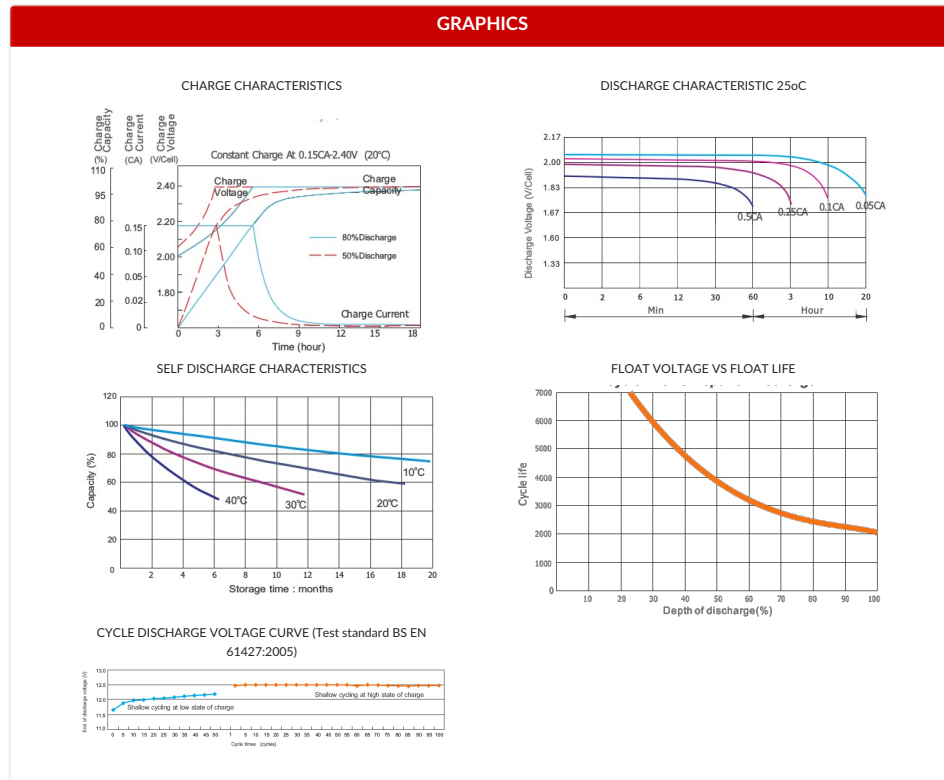
Complied standards

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



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	2000Ah @ 10HR	2200Ah @ 20HR		
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	400A			
Max. Discharge Current	3000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	399x210x771(826)
Weight (kgs)	w/o electrolyte: 108 w/ electrolyte: 150



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	678A 1316W	617A 1197W	561A 1074W	549A 1039W	498A 984W	418A 822W	346A 682W	278A 566W	202W 25.4A	55.0W
1.85 V	733A 1421W	702A 1363W	690A 1324W	687A 1290W	680A 1308W	418A 860W	326A 662W	190A 408W	105A 220W	27.0A 57.3W
1.80 V	1170A 2270W	1122A 2178W	1098A 1867W	945A 1727W	874A 1714W	512A 1094W	346A 756W	200A 440W	110A 228W	28.0A 58.8W

1.75 V	1404A	2723W	1346A	2613W	1306A	1914W	1081A	1739W	974A	1728W	530A	1158W	356A	790W	206A	458W	116A	234W	28.6A	59.3W
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