

## 2V800Ah @ 10HR

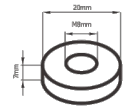
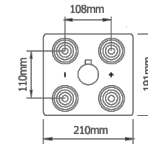
### Rekoser OPzS Battery

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

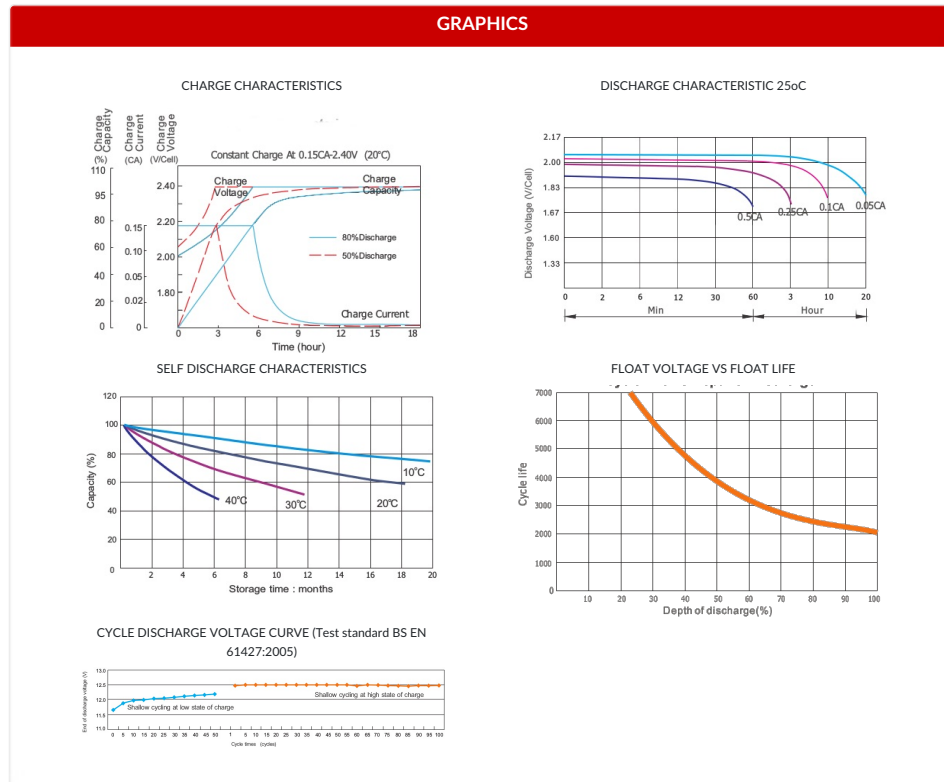
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	800Ah @ 10HR			
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	160A			
Max. Discharge Current	4000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	191x210x645(700)
Weight (kgs)	w/o electrolyte: 44.0 w/ electrolyte: 60.0

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	319A	619W	290A	563W	264A	506W	258A	460W	239A	460W	151A	329W	111A	238W	72.8A	150W	40.0A	80.6W	10.2A	22.0W
1.85 V	345A	669W	330A	642W	325A	623W	323A	523W	272A	523W	167A	344W	130A	265W	76.0A	163W	41.8A	87.8W	10.8A	22.9W
1.80 V	550A	1068W	528A	1025W	517A	878W	350A	686W	350A	686W	205A	438W	138A	302W	80.0A	176W	44.0A	91.3W	11.2A	23.5W
1.75 V	661A	1282W	634A	1230W	614A	901W	390A	691W	390A	691W	212A	463W	142A	316W	82.4A	183W	46.2A	93.5W	11.4A	23.7W