

2V1500Ah @ 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.

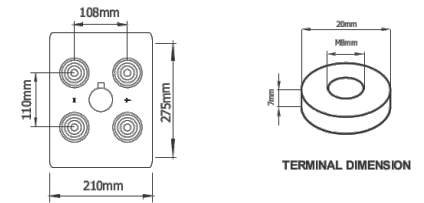


Complied standards

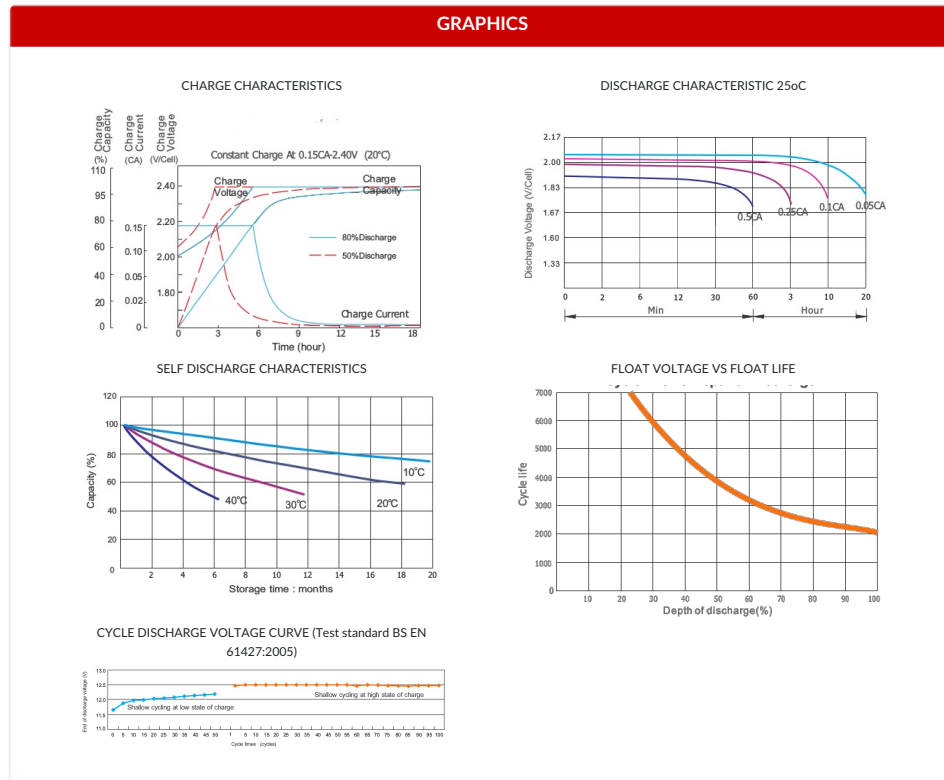
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1500Ah @ 10HR	1650Ah @ 20HR		
Internal Resistance	Approx. 0.32mOhm (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	300A			
Max. Discharge Current	3000A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	275x210x795(850)
Weight (kgs)	w/o electrolyte: 75 w/ electrolyte: 105



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		30MIN		1HR		3HR		5HR		10HR		20HR		100HR	
1.90 V	509A	987W	463A	898W	412A	799W	449A	863W	284A	617W	209A	447W	137A	282W	75.1A	151.2W	19.1A	41.3W
1.85 V	550A	1066W	527A	1023W	515A	968W	510A	981W	314A	645W	245A	497W	143A	306W	78.4A	164.7W	20.3A	43.0W
1.80 V	877A	1702W	842A	1633W	709A	1295W	656A	1286W	384A	821W	260A	567W	150A	330W	82.5A	171.2W	21.0A	44.1W
1.75 V	1053A	2043W	1010A	1960W	811A	1304W	731A	1296W	398A	869W	267A	593W	155A	344W	86.6A	175.4W	21.5A	44.5W