

2V3300Ah @ 10HR

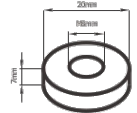
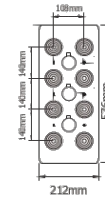
Rekoser OPzS Battery

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.



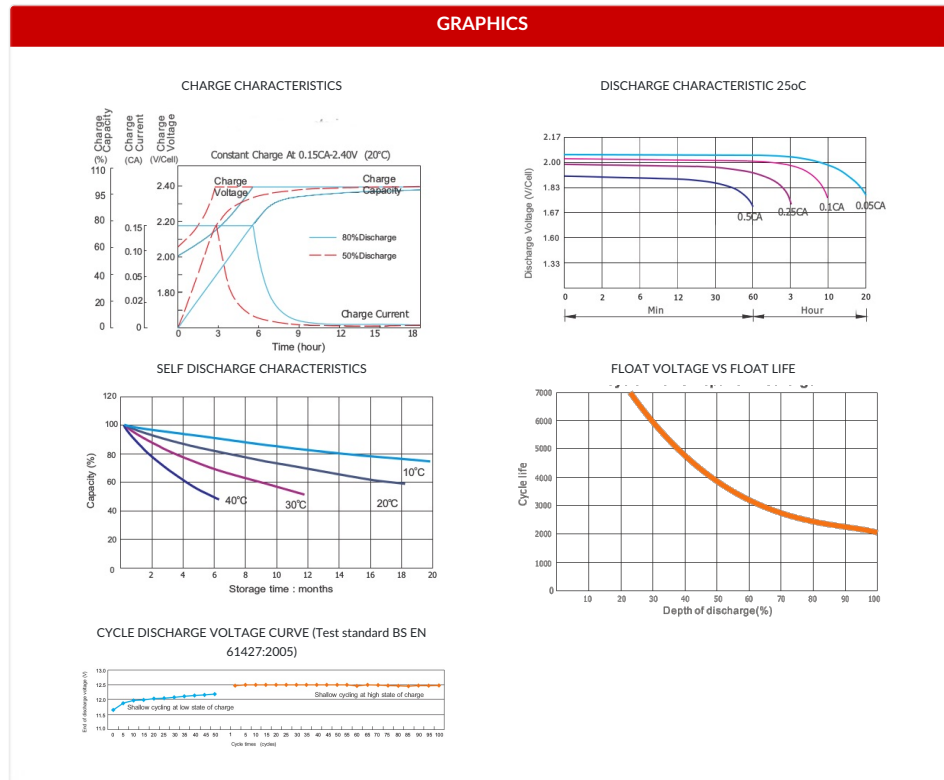
Complied standards

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



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	3300Ah @ 10HR 3465Ah @ 20HR 4125Ah @ 100HR 4500Ah @ 120HR			
Internal Resistance	Approx. 0.15mOhm (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 - 2.20-2.24V (-3mV/°C/cell)	
Max. Charge Current	825A			
Max. Discharge Current	6000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	576x212x771(826)
Weight (kgs)	w/o electrolyte: 162 w/ electrolyte: 225



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	30MIN	1HR	3HR	5HR	10HR	20HR
1.80 V	1932A	3474W	1389A	2552W	820A	1570W
1.75 V	2128A	3826W	1578A	2899W	868A	1670W
1.70 V	2219A	3990W	1677A	3081W	913A	1766W
1.65 V	2364A	4421W	1707A	3242W	926A	1815W
1.60 V	2412A	4511W	1733A	3292W	931A	1825W