

2V500Ah @ 10HR

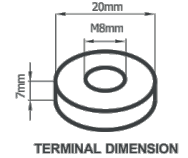
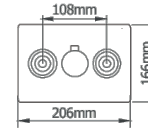
Rekoser OPzS Battery

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 life
- BS6290 part 4

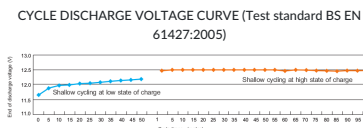
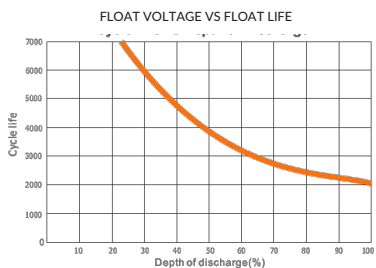
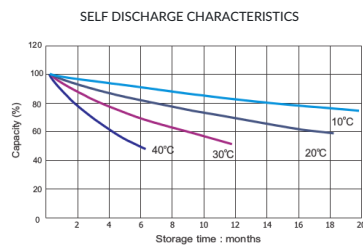
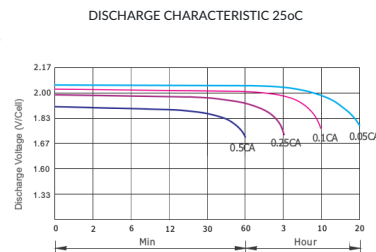
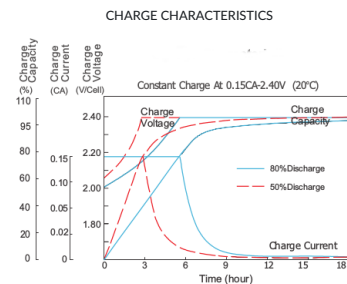


SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	500Ah @ 10HR			
Internal Resistance	Approx. 0.35mOhm (fully charged @ 20°C)			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-5mV/°C/cell)		Float - 2.21-2.25V (-3mV/°C/cell)	
Max. Charge Current	100A			
Max. Discharge Current	2500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	166x206x470(525)
Weight (kgs)	w/o electrolyte: 26 w/ electrolyte: 36

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

GRAPHICS



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

F.V / Time	30MIN		1HR		3HR		5HR		10HR		20HR	
1.85 V	346A	638W	240A	450W	116A	226W	82.6A	160W	47.6A	92.6W	25.8A	50.0W
1.80 V	365A	686W	256A	485W	124A	241W	87.6A	172W	50.0A	99.4W	27.0A	54.0W
1.75 V	380A	710W	262A	500W	128A	250W	90.0A	177W	50.4A	99.8W	27.2A	54.6W
1.70 V	391A	730W	271A	510W	130A	253W	91.0A	180W	50.6A	101W	27.4A	54.7W