

2V600Ah @ 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

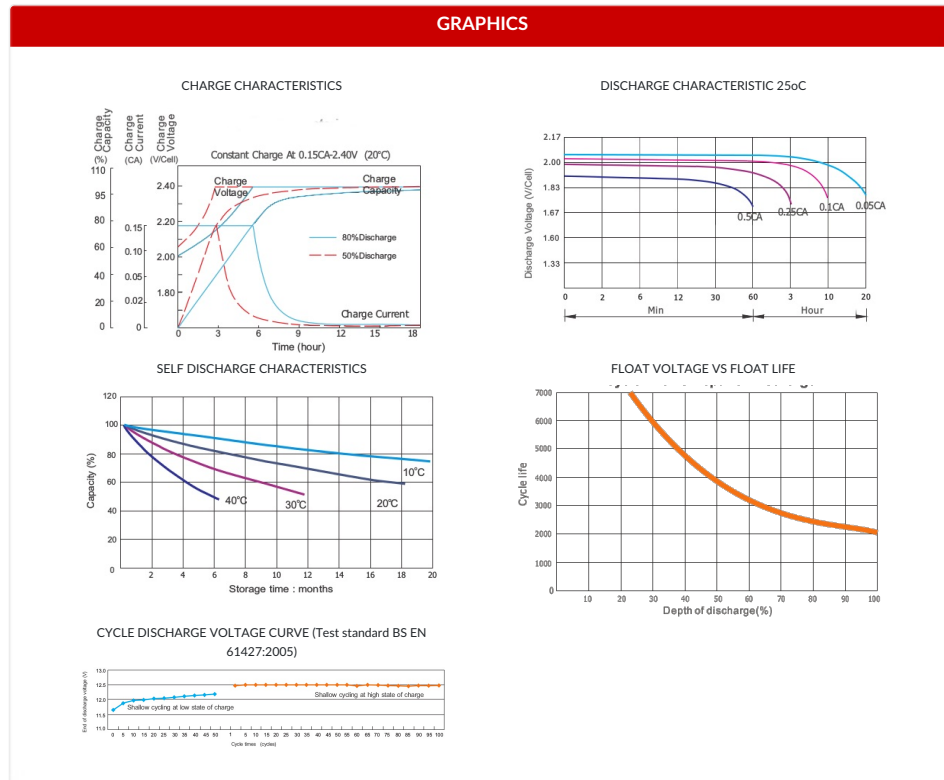
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	600Ah @ 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	120A			
Max. Discharge Current	3000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	145x206x645(700)
Weight (kgs)	w/o electrolyte: 31.0 w/ electrolyte: 43.0

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	239A	464W	218A	422W	198A	379W	194A	367W	179A	345W	113A	247W	83.4A	179W	54.6A	113W	30.0A	60.5W	7.62A	16.5W
1.85 V	259A	502W	248A	481W	244A	467W	242A	455W	204A	392W	125A	258W	97.8A	199W	57.0A	122W	31.4A	65.9W	8.1A	17.2W
1.80 V	413A	801W	396A	769W	388A	659W	334A	610W	262A	514W	154A	328W	104A	227W	60.0A	132W	33.0A	68.5W	8.4A	17.6W
1.75 V	496A	961W	475A	922W	461A	676W	382A	614W	292A	518W	159A	347W	107A	237W	61.8A	137W	34.7A	70.1W	8.58A	17.8W