

## 2V200Ah @ 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

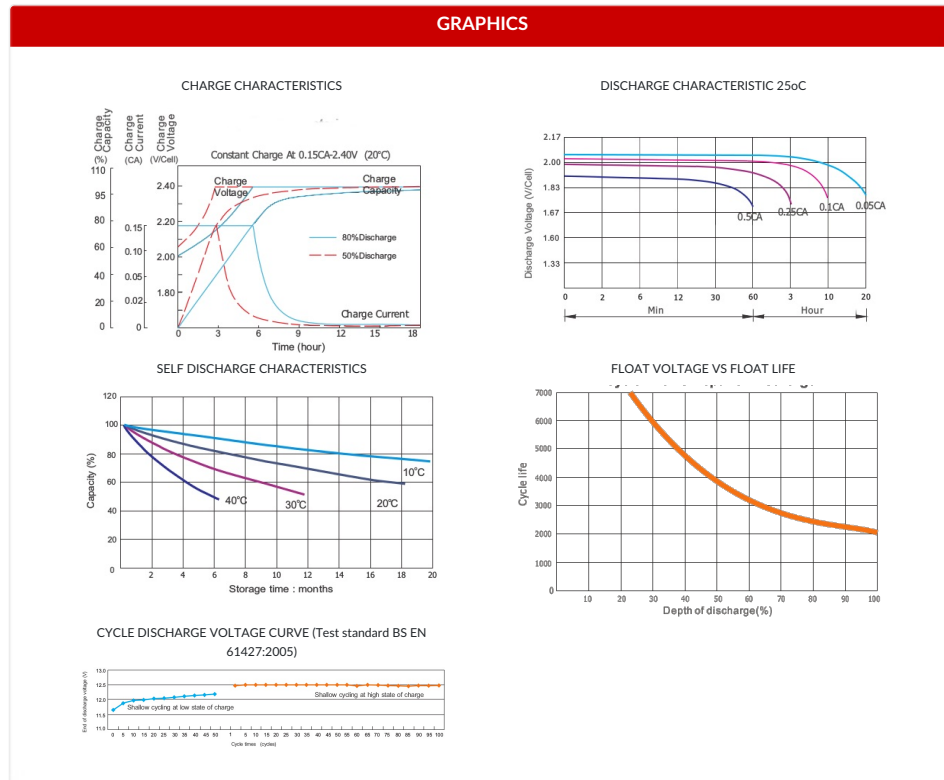
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	200Ah @ 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	40A			
Max. Discharge Current	1250A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	103x206x354(409)
Weight (kgs)	w/o electrolyte: 13

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	79.8A	155W	72.6A	141W	66.0A	126W	64.6A	122W	59.8A	115W	37.8A	82.2W	27.8A	59.6W	18.2A	37.6W	10.0A	20.2W	2.54A	5.5W
1.85 V	86.2A	167W	82.6A	160W	81.2A	156W	80.8A	152W	68.0A	131W	41.8A	86.0W	32.6A	66.2W	19.0A	40.8W	10.5A	22.0W	2.7A	5.73W
1.80 V	138A	267W	132A	256W	129A	220W	111A	203W	87.4A	171W	51.2A	109W	34.6A	75.6W	20.0A	44.0W	11.0A	22.8W	2.8A	5.88W
1.75 V	165A	320W	158A	307W	154A	225W	127A	205W	97.4A	173W	53.0A	116W	35.6A	79.0W	20.6A	45.8W	11.6A	23.4W	2.86A	5.93W