

2V3000Ah @ 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.

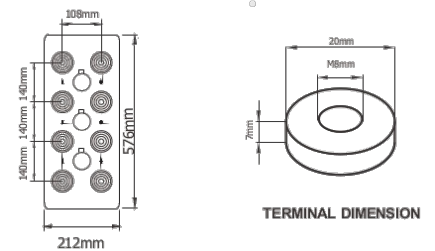


Complied standards

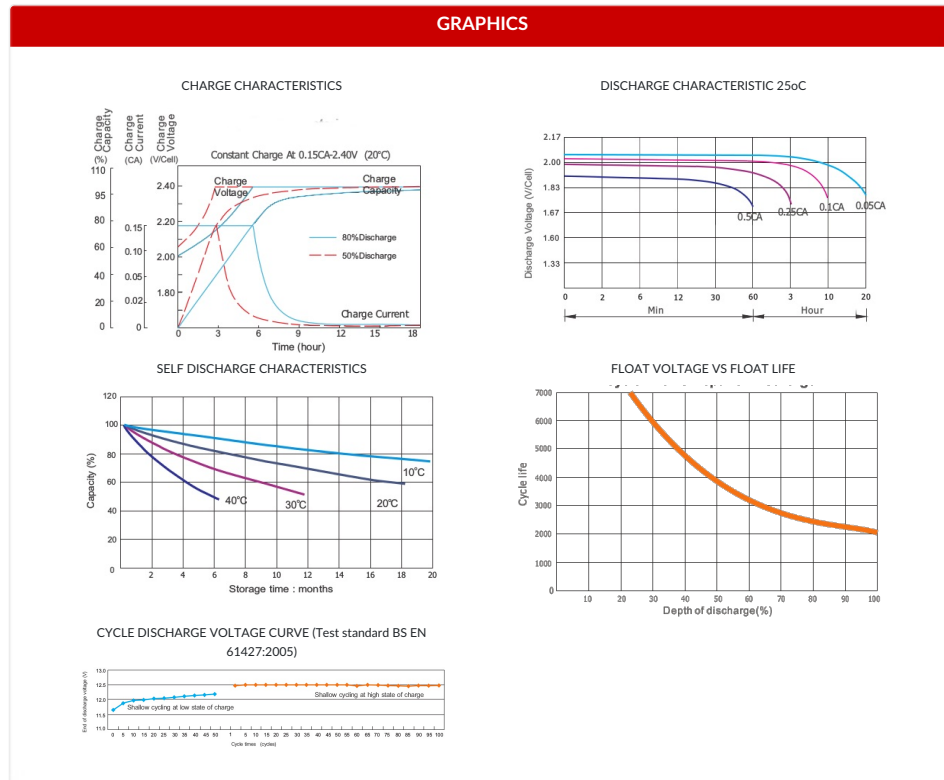
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	3000Ah @ 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	500A			
Max. Discharge Current	4000A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	576x212x771(826)
Weight (kgs)	w/o electrolyte: 157 w/ electrolyte: 220



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	958A	1974W	871A	1795W	792A	1612W	775A	1558W	897A	1725W	567A	1233W	417A	894W	273A	564W	150A	302W	38.1A	82.6W
1.85 V	1034A	2132W	991A	2045W	974A	1986W	970A	1935W	1020A	1962W	627A	1290W	489A	993W	285A	612W	157A	329W	40.5A	86.0W
1.80 V	1651A	3404W	1584A	3267W	1550A	2800W	1334A	2591W	1311A	2571W	768A	1641W	519A	1134W	300A	660W	165A	342W	42.0A	88.1W

1.75 V	1982A	4085W	1901A	3919W	1843A	2871W	1526A	2609W	1461A	2592W	795A	1737W	534A	1185W	309A	687W	173A	351W	42.0A	88.9W
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