

2V1200Ah @ 10HR

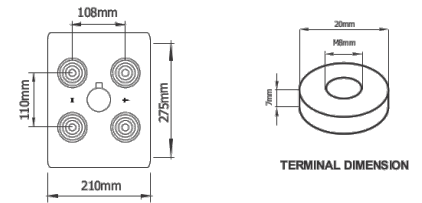
Rekoser OPzS Battery

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)	1200Ah @ 10HR	1320Ah @ 20HR		
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	240A			
Max. Discharge Current	2500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	275x210x645(700)
Weight (kgs)	w/o electrolyte: 61.5 w/ electrolyte: 83.7

GRAPHICS

CHARGE CHARACTERISTICS

DISCHARGE CHARACTERISTIC 25°C

SELF DISCHARGE CHARACTERISTICS

FLOAT VOLTAGE VS FLOAT LIFE

CYCLE DISCHARGE VOLTAGE CURVE (Test standard BS EN 61427:2005)

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	479A	929W	436A	845W	396A	758W	388A	733W	359A	690W	227A	493W	167A	358W	109A	226W	60.1A	121W	15.2A	33.0W
1.85 V	517A	1003W	496A	962W	487A	935W	485A	911W	408A	785W	251A	516W	196A	397W	114A	245W	62.7A	132W	16.2A	34.4W
1.80 V	826A	1602W	792A	1537W	775A	1318W	667A	1219W	524A	1028W	307A	656W	208A	454W	120A	264W	66.0A	137W	16.8A	35.3W
1.75 V	991A	1922W	950A	1844W	922A	1351W	763A	1228W	584A	1037W	318A	695W	214A	474W	124A	275W	69.3A	140W	17.2A	35.6W