

## 12V100Ah @ 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.



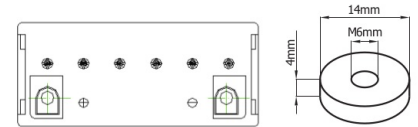
#### Complied standards

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

#### SPECIFICATIONS

Nominal Voltage	12V			
Capacity (25°C)	100Ah @ 10HR	108Ah @ 20HR		
Internal Resistance	Approx. 0.35mOhm (fully charged @ 20°C)			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.1-14.4V (-5mV / o C/ cell)		Float - 13.2-13.5V (-3mV / o C/ cell)	
Max. Charge Current	20A			
Max. Discharge Current	800A			

#### TERMINAL F11



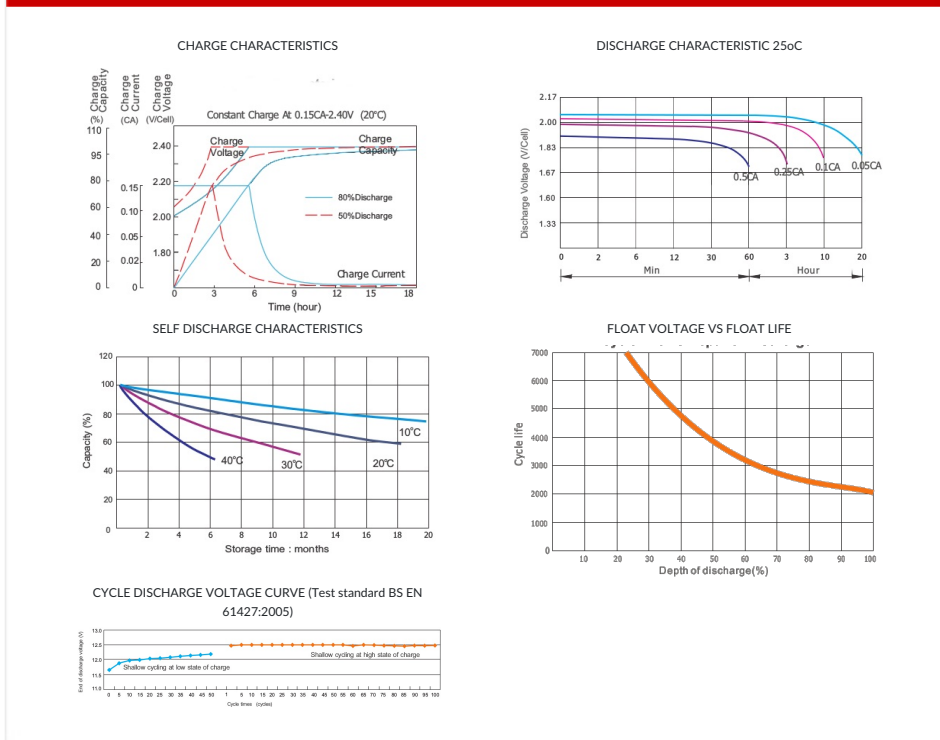
#### DIMENSIONS AND WEIGHT

Dimensions (mm)	409x176x225(225)
Weight (kgs)	w/ electrolyte: 42.5

#### 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	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
10.80 V	91.2A 167W	73.2A 137W	51.1A 97.0W	24.7A 48.5W	17.5A 34.4W	10.0A 19.9W	5.4A 10.8W
10.50 V	96.2A 176W	76.0A 142W	52.7A 100W	25.5A 50.0W	18.0A 35.5W	10.1A 20.0W	5.44A 10.9W
10.20 V	99.6A 182W	77.9A 146W	53.8A 102W	25.7A 50.3W	18.1A 35.7W	10.1A 20.2W	5.47A 10.9W
9.90 V	103A 189W	80.4A 150W	55.2A 105W	26.0A 51.0W	18.4A 36.2W	10.2A 20.2W	5.49A 11.0W
9.60 V	106A 194W	82.0A 153W	56.0A 106W	26.2A 51.3W	18.5A 36.4W	10.2A 20.3W	5.5A 11.0W