

12V220Ah @ 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.

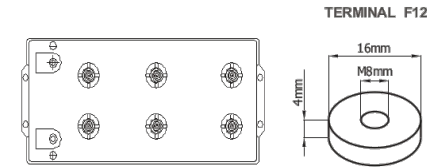


Complied standards

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

SPECIFICATIONS

Nominal Voltage	12V			
Capacity (25°C)	220Ah @ 10HR			
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	66A			
Max. Discharge Current	1160A			



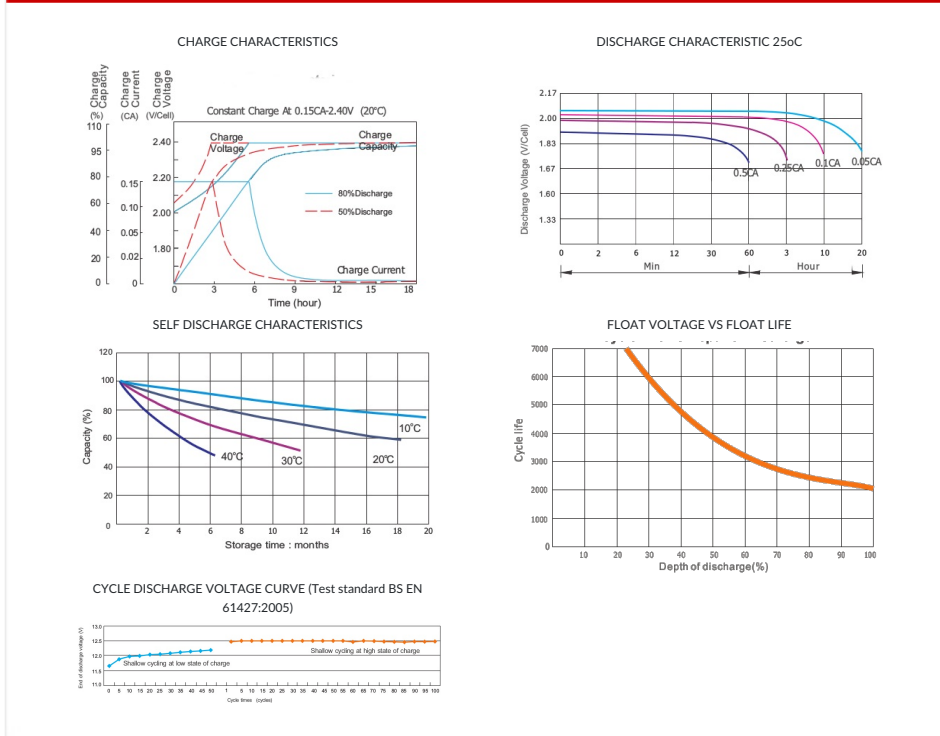
DIMENSIONS AND WEIGHT

Dimensions (mm)	522x269x220(220)
Weight (kgs)	w/ electrolyte: 73.5

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	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
10.8 V	225A 404W	216A 389W	201A 367W	161A 301W	112A 213W	54.4A 107W	38.4A 75.7W	22.0A 53.8W	11.9A 23.8W
10.5 V	239A 428W	229A 412W	212A 387W	167A 313W	116A 220W	56.1A 110W	39.6A 78.0W	22.2A 44.1W	12.0A 23.9W
10.02 V	250A 447W	239A 431W	219A 401W	171A 320W	118A 225W	56.5A 111W	39.9A 78.6W	22.3A 44.3W	12.0A 24.1W
9.9 V	260A 466W	250A 449W	228A 417W	177A 331W	121A 231W	57.3A 112W	40.4A 79.7W	22.4A 44.5W	12.1A 24.1W
9.6 V	268A 480W	257A 463W	233A 427W	180A 337W	123A 234W	57.6A 113W	40.7A 80.1W	22.4A 44.6W	12.1A 24.2W