

## 2V300Ah @ 10HR

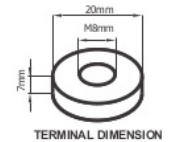
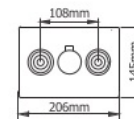
### Rekoser OPzS Battery

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

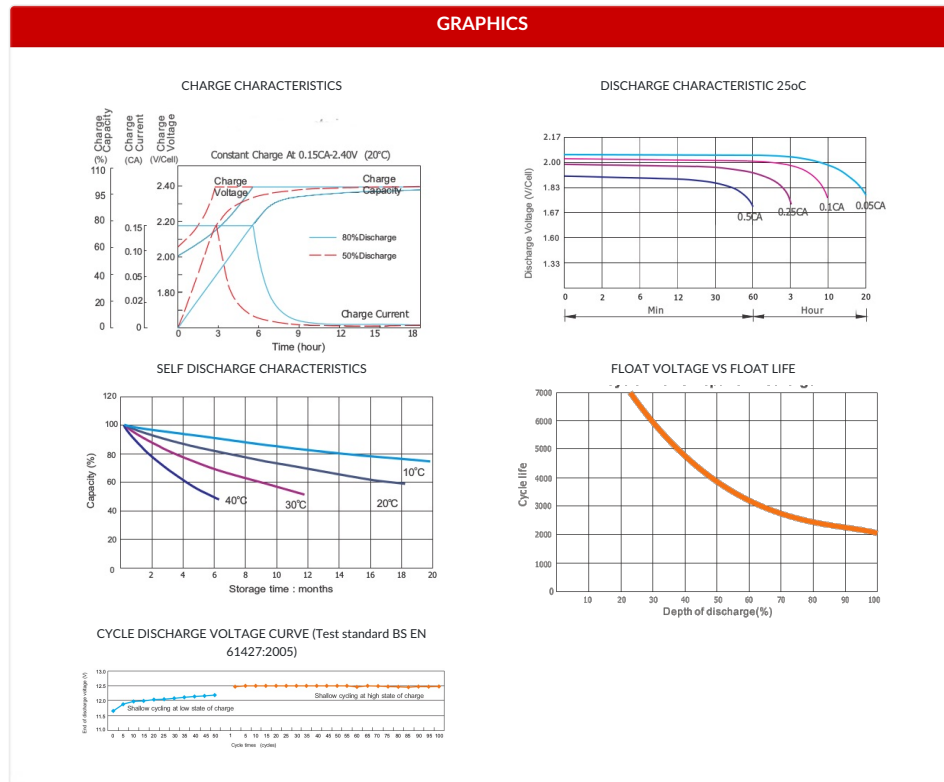
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long life
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	300Ah @ 10HR			
Internal Resistance	Approx. 0.90mOhm (fully charged @ 20°C)			
Self Discharge	3% of capacity declined per month at 20°C			
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	60A			
Max. Discharge Current	1500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	145x206x354(409)
Weight (kgs)	w/o electrolyte: 17.5 w/ electrolyte: 24.5

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



#### CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	30MIN	1HR	3HR	5HR	10HR	20HR						
1.85 V	208A	383W	144A	270W	69.6A	135W	49.5A	96W	28.5A	55.5W	15.5A	30W
1.80 V	220A	412W	154A	293W	75.1A	148W	52.5A	103W	30A	59.7W	16.2A	32.4W
1.75 V	228A	426W	158A	300W	76.5A	150W	54.2A	106W	30.3A	60W	16.4A	32.7W
1.70 V	236A	440W	162A	306W	77.4A	152W	54.7A	107W	30.5A	60.8W	16.6A	33.0W