

2V1500Ah @ 10HR

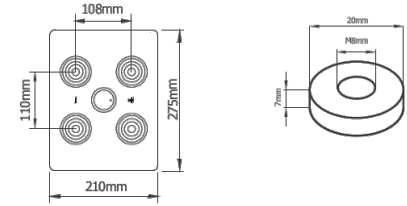
Rekoser OPzV Battery

Rekoser OPzV battery. The RKV series adopts an Immobilized Gel and Tubular Positive Plate technology. It offers high reliability and stable performance. By using die-casted positive grid and patented active material formula, it exceeds the DIN standard values and offer 20+ years design life in float service. It is very suitable for cyclic use under extreme operating conditions. This series is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.



Complied standards

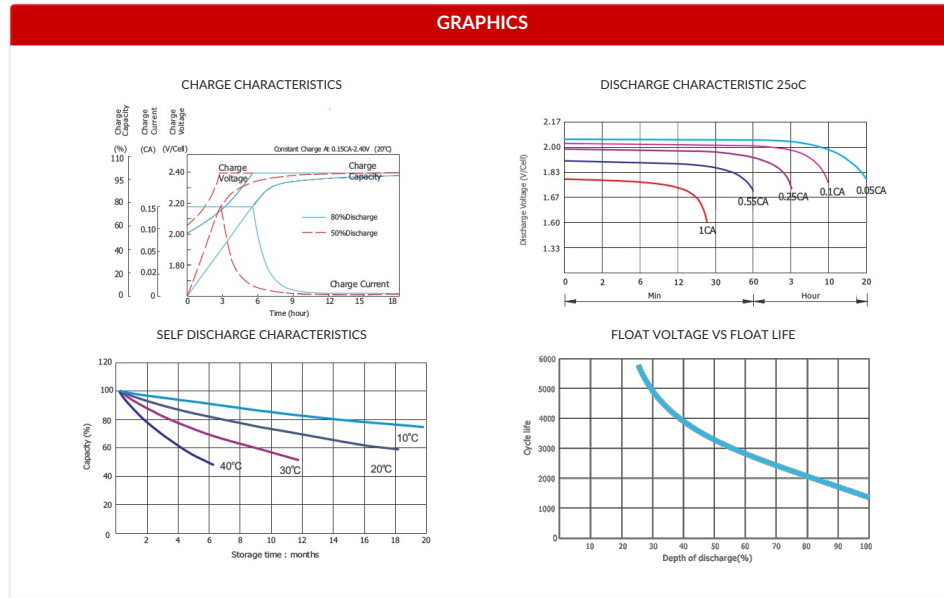
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1500Ah @ 10HR			
Internal Resistance	Approx. 0.31mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 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 - 2.25-2.29V (-3mV/°C/cell)	
Max. Charge Current	300A			
Max. Discharge Current	3000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	275x210x796(831)
Weight (kgs)	105

CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel



CONSTANT DISCHARGE RATINGS (A, W) AT 25°C														
F.V / Time	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR	
1.90 V	534A	1031W	519A	1005W	485A	944W	407A	799W	294A	585W	218A	436W	129A	260W
1.85 V	837A	1563W	766A	1438W	660A	1247W	519A	991W	349A	679W	251A	494W	141A	281W
1.80 V	1091A	1985W	989A	1809W	798A	1472W	631A	1176W	386A	736W	262A	505W	150A	286W
1.75 V	1157A	2071W	1086A	1956W	936A	1702W	686A	1262W	397A	745W	268A	508W	151A	292W
1.70 V	1259A	2223W	1193A	2118W	1028A	1845W	725A	1316W	404A	751W	272A	511W	154A	295W