

2V1200Ah @ 10HR

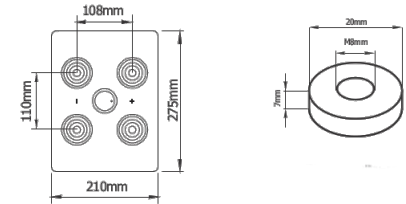
Rekoser OPzV Battery

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

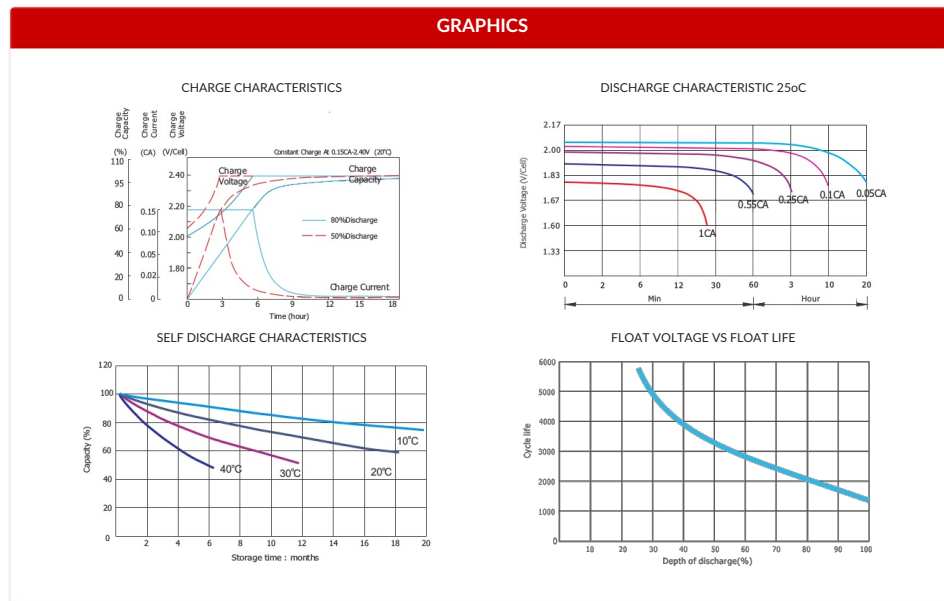
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1200Ah @ 10HR	1296Ah @ 20HR		
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	240A			
Max. Discharge Current	2500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	275x210x646(681)
Weight (kgs)	84

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	429A	829W	417A	808W	390A	759W	328A	643W	235A	468W	174A	349W	103A	208W
1.85 V	673A	1257W	616A	1156W	530A	1003W	417A	797W	279A	543W	201A	395W	113A	225W
1.80 V	877A	1597W	796A	1455W	642A	1184W	507A	946W	309A	589W	210A	404W	120A	229W
1.75 V	930A	1665W	874A	1572W	753A	1369W	552A	1015W	318A	596W	214A	406W	121A	233W
1.70 V	1012A	1787W	959A	1703W	827A	1483W	583A	1058W	323A	601W	218A	409W	123A	236W