

2V1250Ah @ 10HR

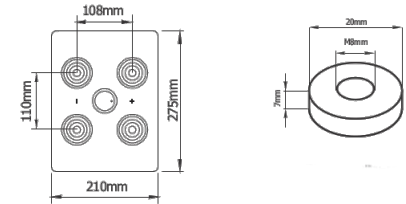
Rekoser OPzV Battery

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

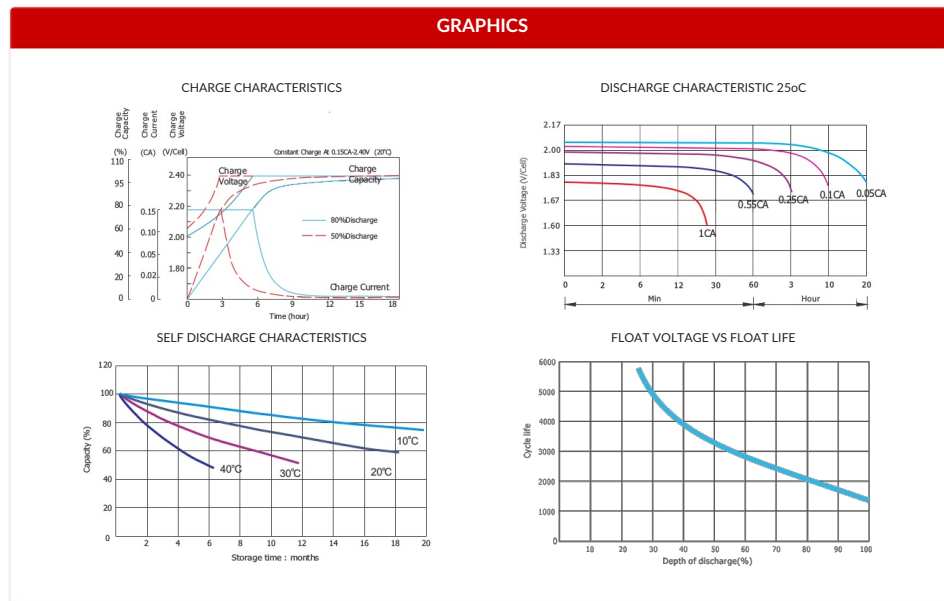
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1250Ah @ 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	250A			
Max. Discharge Current	2500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	275x210x646(681)
Weight (kgs)	85

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	447A	864W	417A	842W	406A	791W	342A	670W	245A	488W	181A	364W	107A	217W
1.85 V	701A	1310W	616A	1205W	552A	1045W	435A	830W	291A	566W	209A	412W	118A	234W
1.80 V	914A	1664W	796A	1516W	669A	1234W	528A	986W	322A	614W	219A	421W	125A	239W
1.75 V	969A	1735W	874A	1638W	785A	1426W	575A	1058W	331A	621W	223A	423W	126A	243W
1.70 V	1055A	1862W	959A	1775W	862A	1545W	607A	1102W	337A	626W	227A	426W	128A	246W