

## 2V1000Ah @ 10HR

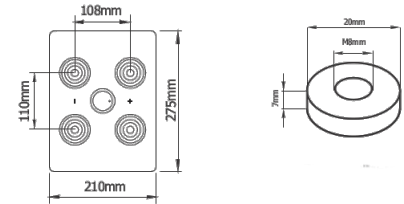
### Rekoser OPzV Battery

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

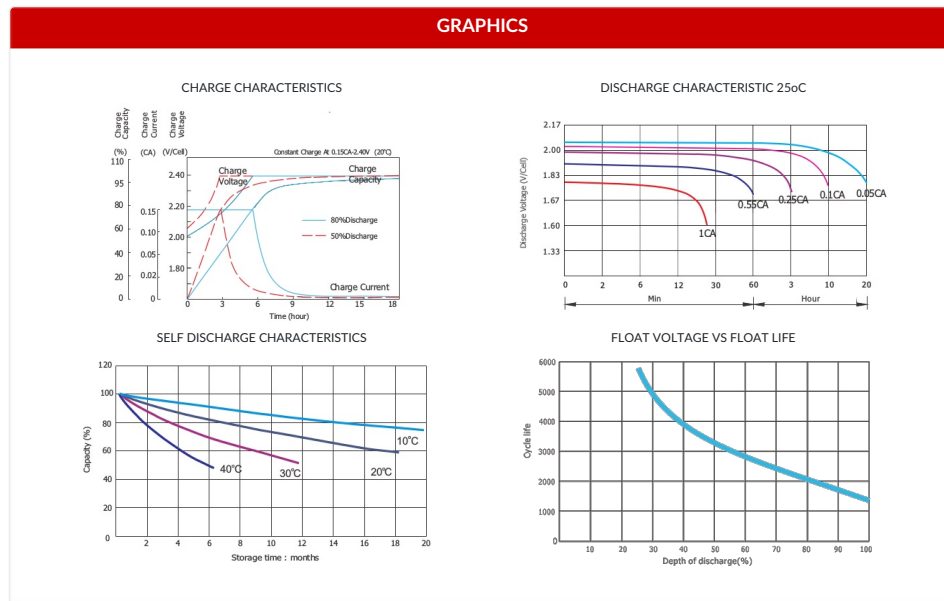
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1000Ah @ 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	200A			
Max. Discharge Current	2500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	233x210x646(681)
Weight (kgs)	69

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	358A	691W	348A	673W	325A	633W	273A	536W	196A	390W	145A	291W	86.6A	173W
1.85 V	561A	1047W	514A	963W	442A	835W	348A	664W	232A	453W	168A	330W	95.2A	187W
1.80 V	731A	1330W	663A	1212W	535A	986W	423A	788W	257A	491W	175A	337W	100A	191W
1.75 V	775A	1388W	728A	1310W	627A	1141W	460A	846W	265A	497W	178A	339W	102A	194W
1.70 V	843A	1489W	800A	1419W	689A	1236W	486A	882W	270A	501W	181A	341W	104A	197W