

2V150Ah @ 10HR

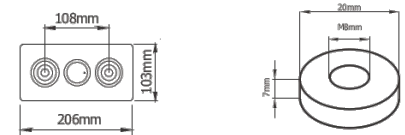
Rekoser OPzV Battery

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

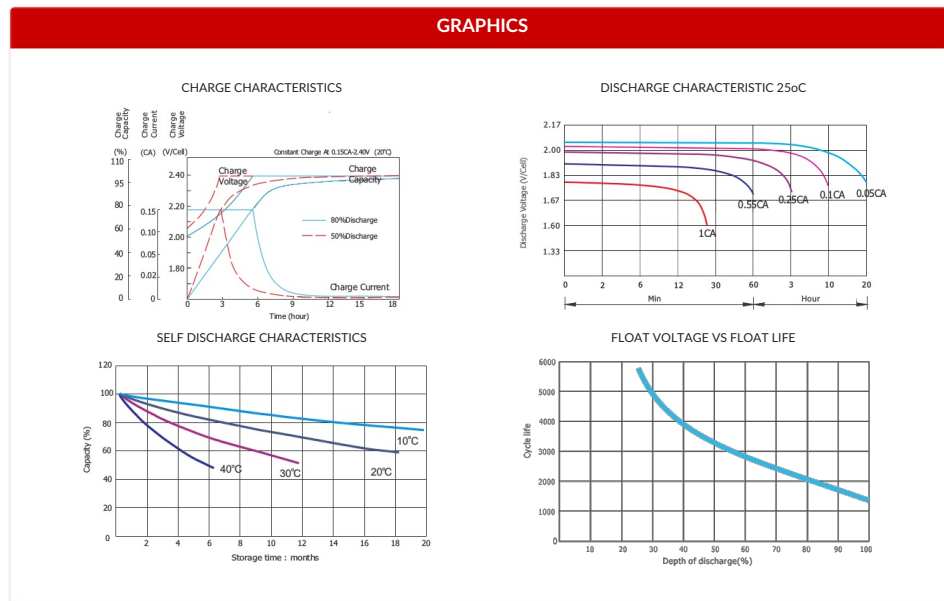
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	150Ah @ 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	30A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	103x206x354(390)
Weight (kgs)	14.7

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	55.0A	106W	53.5A	104W	50.0A	97.4W	42.0A	82.4W	30.0A	59.7W	22.2A	44.5W	13.1A	26.5W
1.85 V	86.2A	161W	79.0A	148W	68.0A	129W	53.5A	102W	35.6A	69.3W	25.7A	50.4W	14.4A	28.7W
1.80 V	112A	205W	102A	187W	82.3A	152W	65.0A	121W	39.4A	75.2W	26.8A	51.5W	15.0A	29.2W
1.75 V	119A	214W	112A	202W	96.5A	176W	70.8A	130W	40.5A	76.1W	27.3A	51.8W	15.5A	29.8W
1.70 V	130A	229W	123A	218W	106A	190W	74.8A	136W	41.3A	76.6W	27.8A	52.1W	15.8A	30.1W