

2V200Ah @ 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

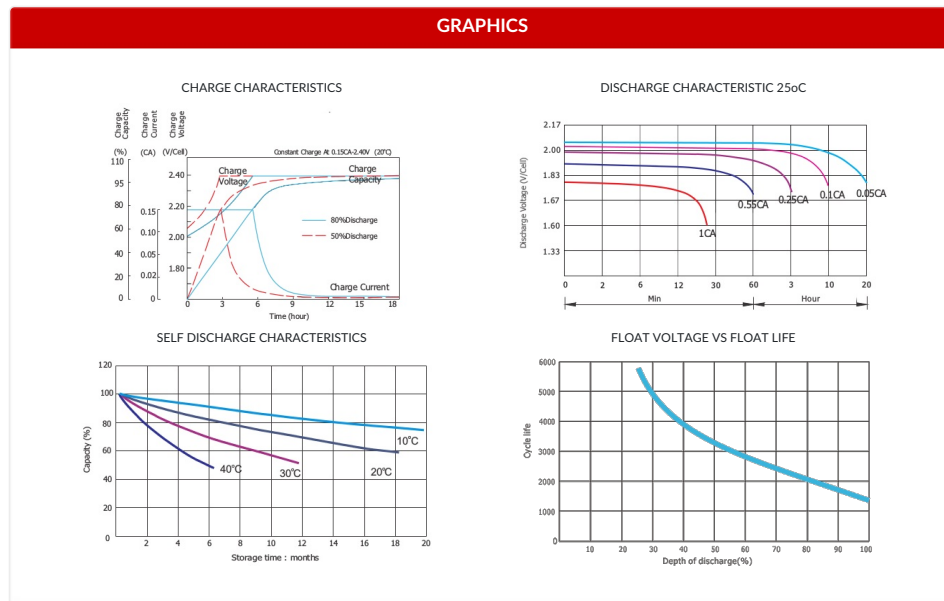
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	200Ah @ 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	40A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	103x206x354(390)
Weight (kgs)	16.3

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	73.4A	142W	71.3A	138W	66.7A	130W	56.0A	110W	40.0A	79.6W	29.6A	59.3W	17.5A	35.4W
1.85 V	115A	215W	105A	198W	90.7A	171W	71.3A	136W	47.4A	92.4W	34.2A	67.3W	19.2A	38.2W
1.80 V	150A	273W	136A	249W	110A	202W	86.7A	162W	52.5A	100W	35.7A	68.7W	20.0A	39.0W
1.75 V	159A	285W	149A	269W	129A	234W	94.3A	173W	54.0A	101W	36.4A	69.1W	20.6A	39.7W
1.70 V	173A	306W	164A	291W	141A	254W	100A	181W	55.0A	102W	37.0A	69.5W	21.0A	40.1W