

2V300Ah @ 10HR

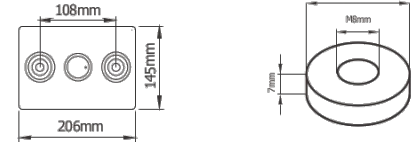
Rekoser OPzV Battery

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

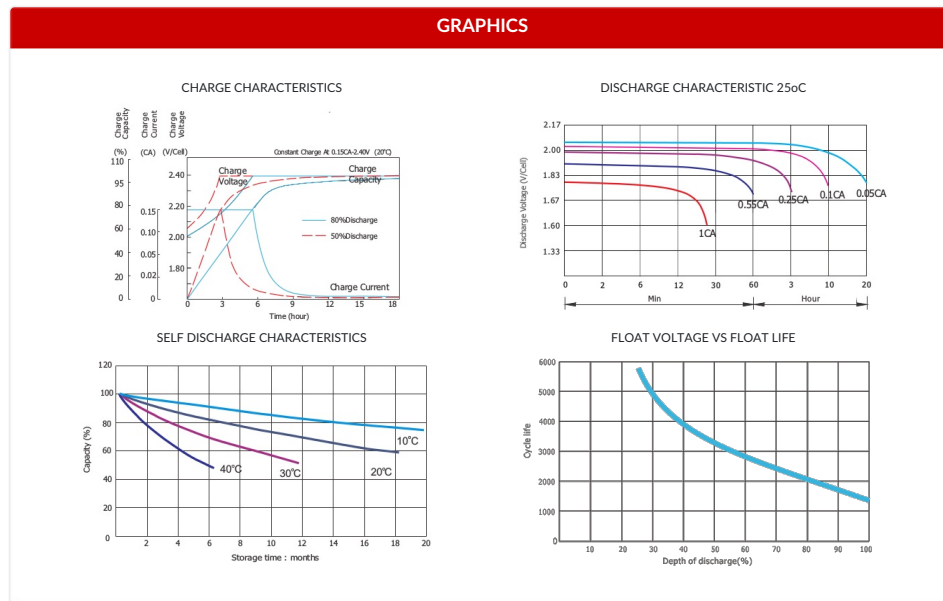
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long life
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	300Ah @ 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	60A			
Max. Discharge Current	1500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	145x206x354(390)
Weight (kgs)	24

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	110A	212W	107A	207W	100A	195W	84.0A	165W	60.0A	119W	44.4A	88.9W	26.3A	53.1W
1.85 V	172A	322W	158A	296W	136A	257W	107A	204W	71.1A	139W	51.3A	101W	28.9A	57.4W
1.80 V	225A	409W	204A	373W	165A	304W	130A	242W	78.8A	150W	53.6A	103W	30.0A	58.4W
1.75 V	238A	427W	224A	403W	193A	351W	142A	260W	81.0A	152W	54.6A	104W	30.9A	59.5W
1.70 V	259A	458W	246A	437W	212A	380W	150A	271W	82.5A	153W	55.5A	105W	31.5A	60.2W