

2V3500Ah @ 10HR

Rekoser OPzV Battery

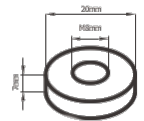
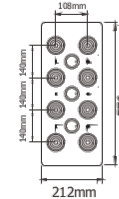
Rekoser OPzV battery. The RKV series adopts an Immobilized Gel and Tubular Positive Plate technology. It offers high reliability and stable performance. By using die-casted positive grid and patented active material formula, it exceeds the DIN standard values and offer 20+ years design life in float 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)	3500Ah @ 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	600A			
Max. Discharge Current	4000A			

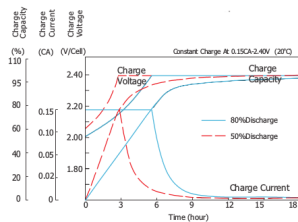


DIMENSIONS AND WEIGHT	
Dimensions (mm)	576x212x772(807)
Weight (kgs)	215

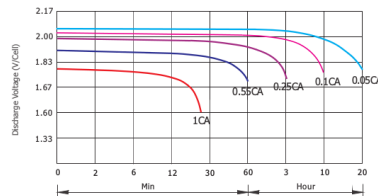
CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

GRAPHICS

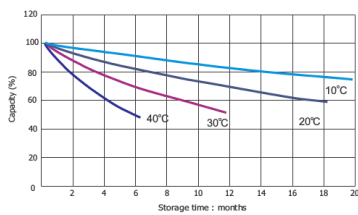
CHARGE CHARACTERISTICS



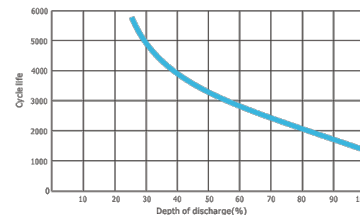
DISCHARGE CHARACTERISTIC 25°C



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR	
1.90 V	1239A	2393W	1205A	2332W	1126A	2192W	951A	1865W	686A	1366W	507A	1017W	300A	607W
1.85 V	1942A	3628W	1779A	3336W	1531A	2894W	1008A	2311W	813A	1584W	587A	1154W	330A	636W
1.80 V	2533A	4608W	2297A	4200W	1851A	3417W	1471A	2744W	901A	1718W	612A	1178W	350A	668W
1.75 V	2686A	4808W	2522A	4539W	2172A	3951W	1602A	2944W	926A	1739W	624A	1185W	353A	680W
1.70 V	2921A	5159W	2770A	4916W	2387A	4281W	1692A	3070W	944A	1752W	635A	1192W	360A	688W