

## 2V3000Ah @ 10HR

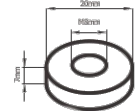
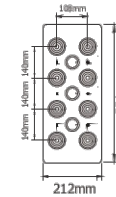
### Rekoser OPzV Battery

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

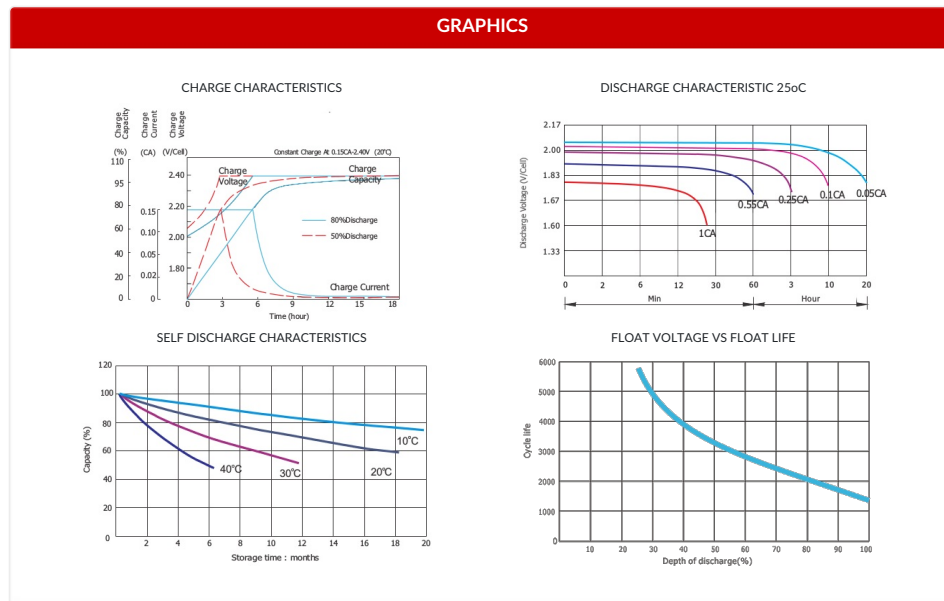
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long life
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	3000Ah @ 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)	210

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	1062A	2051W	1033A	1999W	965A	1879W	815A	1599W	588A	1171W	435A	872W	257A	520W
1.85 V	1665A	3110W	1525A	2860W	1312A	2481W	1038A	1981W	697A	1358W	503A	989W	283A	560W
1.80 V	2171A	3950W	1969A	3600W	1587A	2929W	1261A	2352W	772A	1473W	525A	1010W	300A	573W
1.75 V	2302A	4121W	2162A	3891W	1862A	3387W	1373A	2524W	794A	1491W	535A	1016W	303A	583W
1.70 V	2504A	4422W	2374A	4214W	2046A	3670W	1450A	2632W	809A	1502W	544A	1022W	309A	590W