

## 2V600Ah @ 10HR

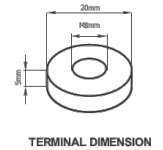
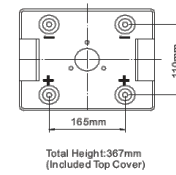
### Rekoser OPzV Battery

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

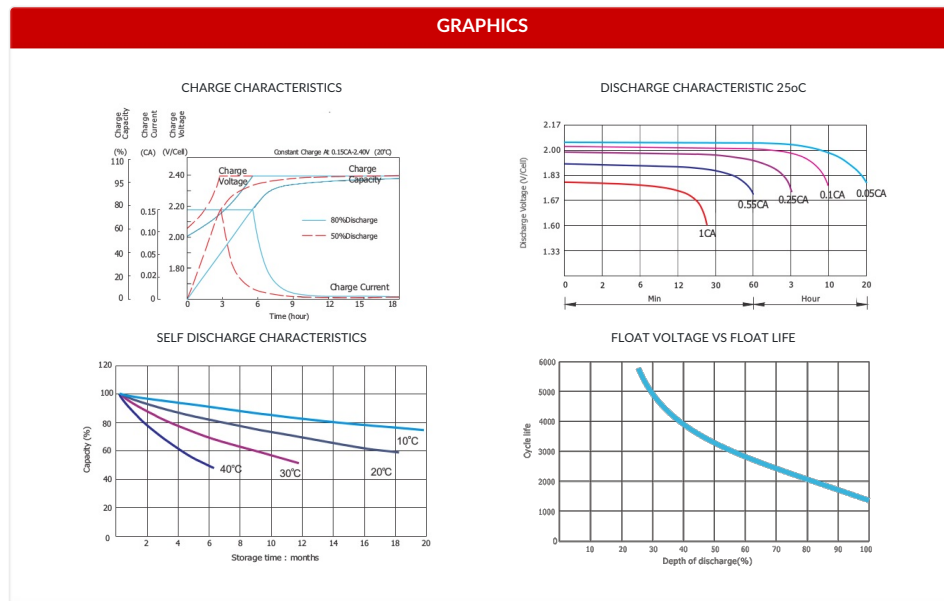
- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	600Ah @ 10HR			
Internal Resistance	Approx. 0.63mOhm (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	120A			
Max. Discharge Current	2000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	145x206x646(681)
Weight (kgs)	42

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	220A	425W	214A	414W	200A	389W	168A	330W	120A	239W	88.9A	178W	52.5A	106W
1.85 V	345A	644W	316A	593W	272A	514W	214A	409W	142A	277W	103A	202W	57.7A	115W
1.80 V	450A	819W	408A	746W	329A	607W	260A	485W	158A	320W	107A	206W	60.0A	120W
1.75 V	477A	854W	448A	806W	386A	702W	283A	520W	162A	304W	109A	207W	61.8A	120W
1.70 V	519A	917W	492A	873W	424A	761W	299A	543W	165A	307W	111A	209W	63.0A	121W