

## 12V75Ah @ 10HR

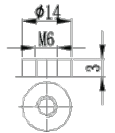
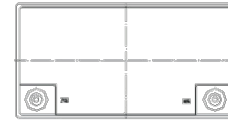
### Rekoser OPzV Battery

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	12V			
Capacity (25°C)	75Ah @ 10HR			
Internal Resistance	Approx. 7.8mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 20°C			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 13.80-14.10V (-30mV/°C/cell)		Float - 13.50-13.80V (-18mV/°C/cell)	
Max. Charge Current	16A			
Max. Discharge Current	400A			

#### DIMENSIONS AND WEIGHT

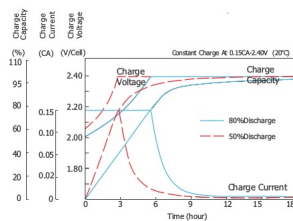
Dimensions (mm)	330x171x214(214)
Weight (kgs)	30.5

#### CONSTRUCTION

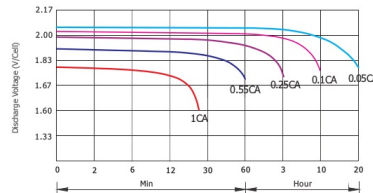
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

#### GRAPHICS

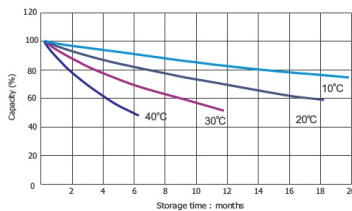
CHARGE CHARACTERISTICS



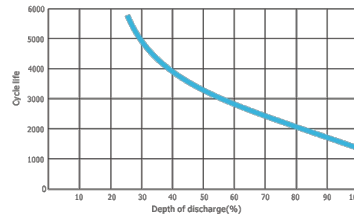
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



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

F.V / Time	30MIN		1HR		3HR		5HR		10HR		20HR	
11.1 V	58A	110W	37.9A	72.8W	18.9A	37.2W	13.6A	26.9W	7.5A	15.0W	3.96A	7.92W
10.8 V	62.4A	117W	40.8A	77.5W	19.8A	38.8W	14.6A	28.8W	8.0A	15.9W	4.21A	8.32W
10.5 V	64.7A	122W	42.1A	79.5W	20A	39.1W	15.0A	29.5W	8.04 16.0A	4.24A	8.4W	
10.2 V	66.5A	124W	42.9A	80.3W	20.3A	39.2W	15.1A	29.5W	8.1A	16.0W	4.27A	8.4W
9.9 V	68.5A	127W	44A	81.9W	20.5A	39.3W	15.2A	29.6W	8.13A	16.1W	4.28A	8.45W