12V150Ah @ 20HR

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.

ISO9001 ISO14001 CE

Complied standards

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

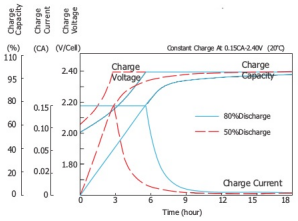
SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	150Ah @ 20HR			
Internal Resistance	Approx. 5.2mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 13.80-14.10V (-30mV/°C/cell)		Float - 13.50-13.80V (-18mV/°C/cell)	
Max. Charge Current	28A			
Max. Discharge Current	875A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	532x207x209(209)
Weight (kgs)	58.5

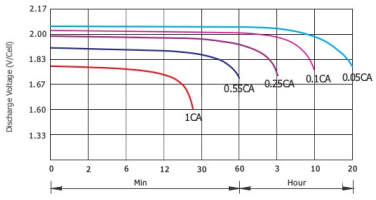
CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

GRAPHICS

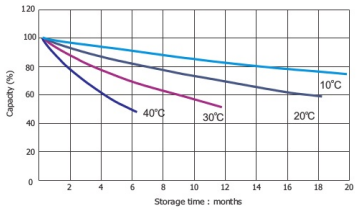
CHARGE CHARACTERISTICS



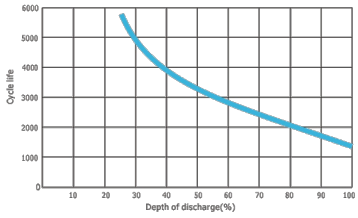
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



CONSTANT DISCHARGE RATINGS (A, W) AT 25°C																
F.V / Time	**10MIN**		**15MIN**		**30MIN**		**1HR**		**3HR**		**5HR**		**10HR**		**20HR**	
10.8 V	151A	272W	139A	255W	111A	208W	72.6A	138W	36.1A	70.7W	25.9A	51.0W	14.3A	28.4W	7.5A	15.0W
10.5 V	160A	288W	147A	269W	115A	216W	75.0A	142W	37.2A	72.9W	26.7A	52.6W	14.3A	28.5W	7.55A	15.1W
10.2 V	167A	301W	152A	279W	118A	221W	76.5A	145W	37.5A	73.4W	26.9A	53.0W	14.4A	28.7W	7.6A	15.2W
9.9 V	175A	314W	158A	289W	122A	228W	78.5A	149W	37.7A	73.9W	27.1A	53.3W	14.5A	28.8W	7.62A	15.2W
9.6 V	180A	324W	162A	296W	125A	233W	79.7A	151W	37.9A	74.4W	27.2A	53.7W	14.5A	28.9W	7.64A	15.3W