12V55Ah @ 10HR

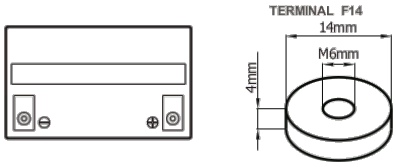
Rekoser AGM Deep Cycle Battery

Rekoser AGM deep cycle battery. RKC Series is specially designed for frequent cyclic discharge. By using strong grids and specially designed active material, the RKC series battery offers 30% more cyclic life than the standby series. Ideal for solar & wind energy systems, golf cart, electric wheelchair, etc.

ISO9001 ISO14001 CE

Complied standards

- IEC 60896-21/22
- JIS C8704
- GB/T19639



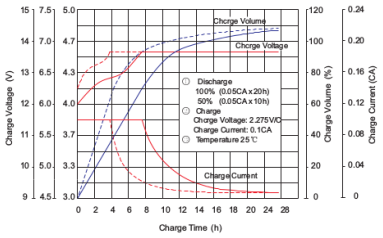
SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	55Ah @ 10HR			
Internal Resistance	Fully Charged 58 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	16.5A			
Max. Discharge Current	500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	229x138x208(212)
Weight (kgs)	16.5

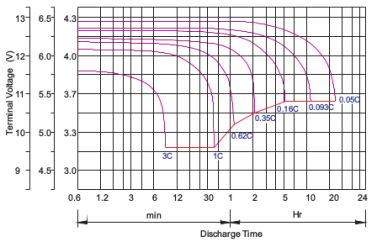
CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Sulphuric acid

GRAPHICS

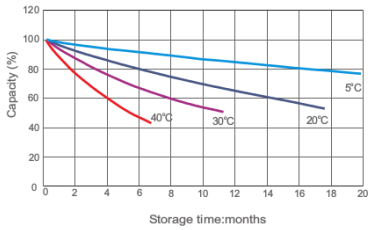
CHARGE CHARACTERISTICS



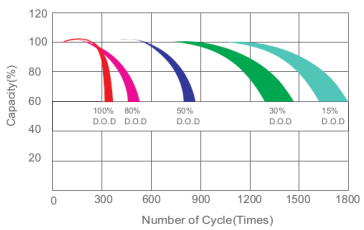
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



LIFE CHARACTERISTICS OF CYCLIC USE



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

F.V / Time	5MIN		10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
11.10 V	86.5A	163W	77.5A	147W	70.6A	135W	49.6A	95.5W	32.0A	62.2W	14.2A	27.9W	9.53A	18.8W	5.36A	10.7W	2.82A	5.67W
10.80 V	101A	187W	86.1A	162W	77.5A	147W	52.6A	100W	33.5A	64.3W	14.7A	28.6W	9.76A	19.2W	5.5A	10.9W	2.89A	5.77W
10.50 V	114A	209W	94.7A	176W	83.1A	156W	55.0A	104W	34.6A	65.9W	15.0A	28.9W	10.0A	19.4W	5.61A	11.0W	2.94A	5.83W
10.20 V	131A	237W	102A	187W	89.5A	166W	57.0A	107W	35.4A	66.8W	15.2A	29.1W	10.1A	19.5W	5.69A	11.1W	3.0A	5.91W
10.02 V	147A	263W	112A	204W	94.7A	174W	59.2A	110W	36.2A	67.9W	15.4A	29.3W	10.2A	19.6W	5.76A	11.2W	3.07A	6.0W
9.60 V	165A	291W	122A	219W	101A	183W	61.9A	114W	37.2A	69.3W	15.6A	29.4W	10.4A	19.7W	5.83A	11.3W	3.14A	6.1W