

12V100Ah @ 10HR

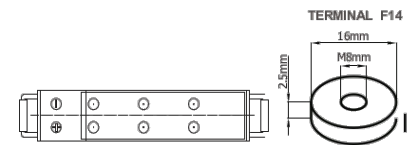
Rekoser AGM Deep Cycle Battery

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.



Complied standards

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



SPECIFICATIONS

Nominal Voltage	12V			
Capacity (25°C)	100Ah @ 10HR	105Ah @ 20HR		
Internal Resistance	Fully Charged 25 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	30A			
Max. Discharge Current	1000A			

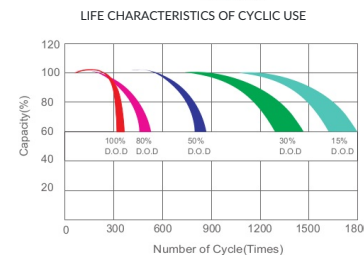
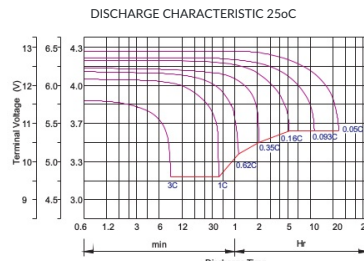
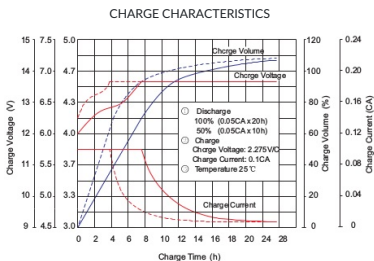
DIMENSIONS AND WEIGHT

Dimensions (mm)	508x110x223(238)
Weight (kgs)	31

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



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

F.V / Time	5MIN		10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
11.10 V	142A	267W	121A	229W	114A	218W	81.9A	158W	52.4A	102W	24.7A	48.4W	16.2A	32.1W	9.65A	19.3W	5.0A	10.1W
10.80 V	165A	306W	134A	251W	125A	237W	86.8A	165W	54.0A	104W	25.9A	50.4W	17.0A	33.4W	10.0A	19.9W	5.3A	10.6W
10.50 V	187A	342W	147A	273W	134A	252W	90.8A	172W	56.7A	108W	26.4A	50.9W	17.2A	33.5W	10.2A	20.1W	5.33A	10.6W
10.20 V	215A	388W	158A	291W	145A	268W	94.1A	176W	57.9A	109W	26.8A	51.3W	17.4A	33.5W	10.3A	20.2W	5.4A	10.6W
10.02 V	241A	430W	174A	317W	153A	281W	97.8A	182W	59.2A	111W	27.1A	51.6W	17.5A	33.7W	10.5A	20.3W	5.45A	10.7W
9.60 V	270A	475W	189A	340W	163A	297W	102A	189W	60.8A	113W	27.5A	51.8W	17.8A	33.9W	10.6A	20.5W	5.5A	10.7W