

12V80Ah @ 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.

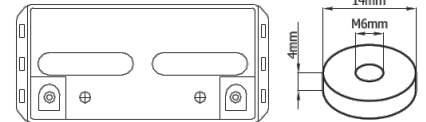


Complied standards

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



TERMINAL F11



SPECIFICATIONS

Nominal Voltage	12V				
Capacity (25°C)	80Ah @ 10HR		84Ah @ 20HR		
Internal Resistance	Fully Charged 25 mΩ				
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	24A				
Max. Discharge Current	720A				

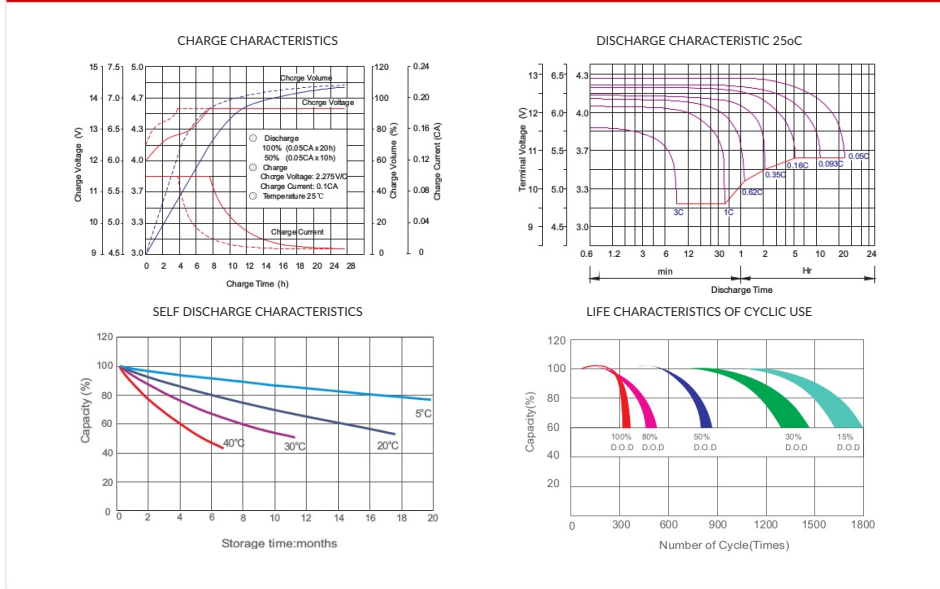
DIMENSIONS AND WEIGHT

Dimensions (mm)	350x167x179(179)
Weight (kgs)	23.0

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	126A	237W	113A	214W	103A	196W	72.2A	139W	46.6A	90.4W	20.7A	40.6W	13.9A	27.4W	7.79A	15.6W	4.1A	8.24W
10.80 V	147A	272W	125A	235W	113A	213W	76.5A	146W	48.7A	93.6W	21.4A	41.6W	14.2A	27.9W	8.0A	15.9W	4.2A	8.39W
10.50 V	166A	304W	138A	256W	121A	227W	80.0A	151W	50.4A	95.9W	21.8A	42.0W	14.5A	28.3W	8.16A	16.1W	4.28A	8.49W
10.20 V	191A	345W	148A	272W	130A	241W	82.9A	155W	51.4A	97.1W	22.1A	42.4W	14.7A	28.4W	8.27A	16.2W	4.36A	8.6W
10.02 V	214A	382W	163A	296W	138A	253W	86.1A	160W	52.7A	98.7W	22.4A	42.6W	14.8A	28.5W	8.38A	16.3W	4.46A	8.72W
9.60 V	240A	423W	177A	318W	146A	267W	90.1A	166W	54.0A	101W	22.7A	42.8W	15.1A	28.7W	8.48A	16.4W	4.57A	8.87W