

## 6V235Ah @ 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.

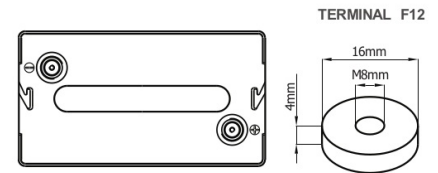


#### Complied standards

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

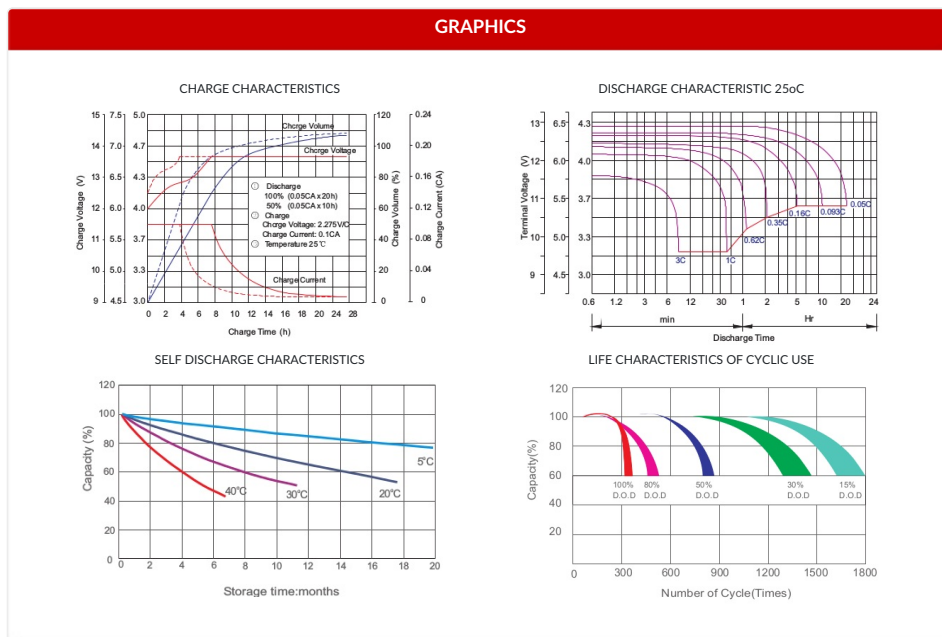


SPECIFICATIONS				
Nominal Voltage	6V			
Capacity (25°C)	235Ah @ 10HR   211Ah @ 5HR			
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	3 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	47A			
Max. Discharge Current	1300A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	260x180x272(272)
Weight (kgs)	36.0

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



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

F.V / Time	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
4.80 V	493A	881W	391A	656W	224A	429W	145A	307W	68.3A	253W	44.3A	164W	23.8A	124W	13.07A	82.1W
4.95 V	465A	771W	369A	634W	235A	413W	143A	301W	66.0A	250W	43.9A	162W	23.8A	123W	13.07A	81.4W
5.10 V	437A	730W	346A	614W	226A	397W	141A	295W	65.2A	246W	43.6A	158W	23.7A	121W	12.95A	80.4W
5.25 V	406A	687W	323A	593W	217A	381W	135A	288W	64.9A	244W	43.0A	155W	23.7A	119W	12.82A	80.1W
5.40 V	372A	653W	298A	558W	205A	365W	131A	282W	62.1A	242W	42.3A	150W	23.5A	118W	12.7A	79.4W