

## 12V50Ah @ 10HR

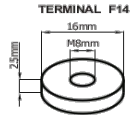
### Rekoser AGM Deep Cycle Battery

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)	50Ah @ 10HR			
Internal Resistance	Fully Charged 75 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	15A			
Max. Discharge Current	500A			

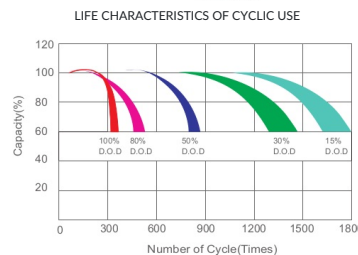
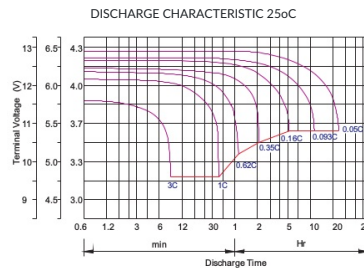
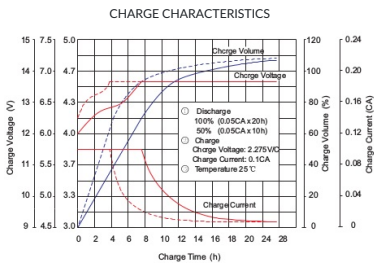
#### DIMENSIONS AND WEIGHT

Dimensions (mm)	277x106x221(221)
Weight (kgs)	17.0

#### 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	15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
10.80 V	69.5A	763W	43.8A	491W	28.3A	322W	12.1A	143W	8.49A	100W	5.0A	59.7W	2.63A	34.8W
10.50 V	73.4A	806W	45.4A	510W	29.2A	333W	12.5A	147W	8.75A	103W	5.04A	60.1W	2.64A	35.4W
10.20 V	76.0A	834W	46.6A	522W	29.8A	339W	12.6A	148W	8.81A	104W	5.07A	60.5W	2.66A	35.5W
10.02 V	78.9A	866W	48.0A	539W	30.5A	348W	12.7A	149W	8.87A	105W	5.08A	60.7W	2.67A	35.6W
9.60 V	80.9A	888W	49.0A	550W	31.0A	353W	12.8A	150W	8.93A	105W	5.09A	60.8W	2.67A	35.8W