

6V300Ah @ 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.

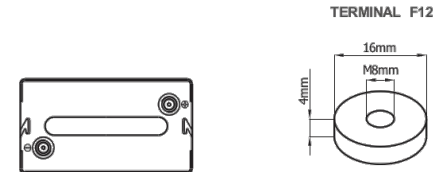


Complied standards

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

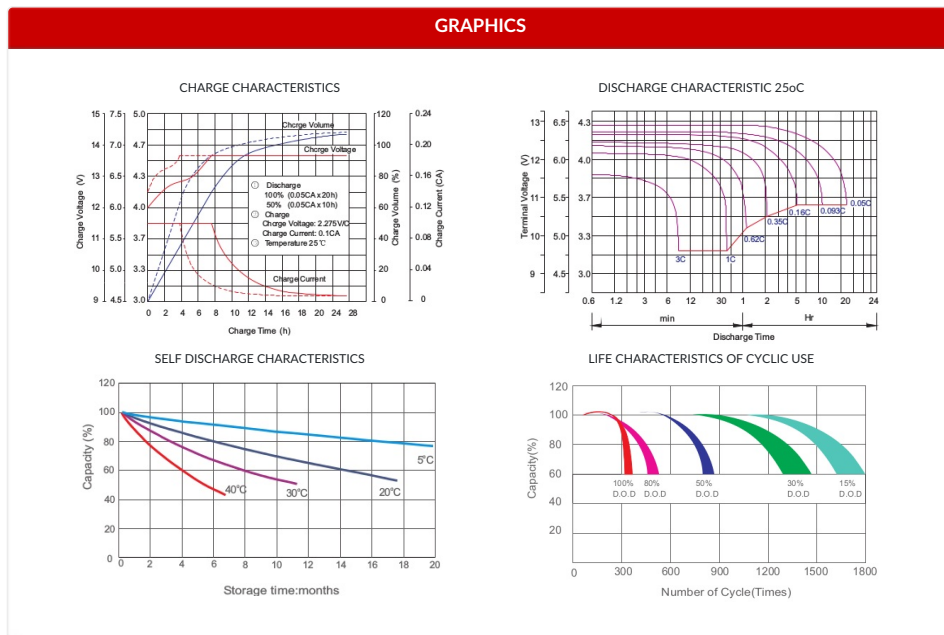


SPECIFICATIONS			
Nominal Voltage	6V		
Capacity (25°C)	300Ah @ 10HR	314Ah @ 20HR	
Internal Resistance	Fully Charged 25 m Ω		
Self Discharge	3% of capacity declined per month at 20°C		
Cell number	3 cells		
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C) 65% (-15°C)
Charge Voltage (25°C)	Cycle - 7.2-7.4V (-30mV/C), max. Current 2.1A		Float - 6.8-6.9V (-20mV/C)
Max. Charge Current	90A		
Max. Discharge Current	1000A		



DIMENSIONS AND WEIGHT	
Dimensions (mm)	295x178x350(350)
Weight (kgs)	46.0

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	5MIN		10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
5.55 V	448A	844W	406A	771W	374A	714W	265A	511W	173A	336W	77.5A	152W	52.0A	103W	29.2A	58.4W	15.4A	30.9W
5.40 V	523A	970W	451A	846W	410A	776W	281A	535W	181A	347W	80.1A	156W	53.2A	104W	30.0A	59.6W	15.7A	31.4W
5.25 V	592A	1082W	496A	921W	440A	824W	294A	555W	187A	356W	81.7A	158W	54.5A	106W	30.6A	60.3W	16.1A	31.8W
5.10 V	681A	1229W	534A	980W	474A	878W	305A	570W	191A	361W	83.0A	159W	55.2A	107W	31.0A	60.7W	16.4A	32.2W
5.01 V	763A	1361W	587A	1067W	501A	921W	316A	588W	196A	367W	84.0A	160W	55.7A	108W	31.4A	61.0W	16.7A	32.7W
4.80 V	855A	1506W	638A	1146W	532A	970W	331A	612W	201A	374W	85.0A	161W	56.5A	110W	31.8A	61.4W	17.1A	33.2W