

2V1000Ah @ 10HR

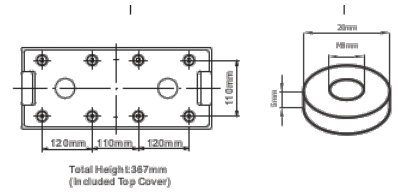
Rekoser Gel Deep Cycle Batteries

Rekoser Gel battery. RKG Series provides superior performance in both high cycling and floating applications. By combining the newly developed Nano Gel electrolyte with high density paste, the RKG series offers high recharge efficiency at very low charge current. The acid stratification is highly reduced by adding Nano Gel. It is suitable for off-grid photovoltaic, wind or hydro power application.



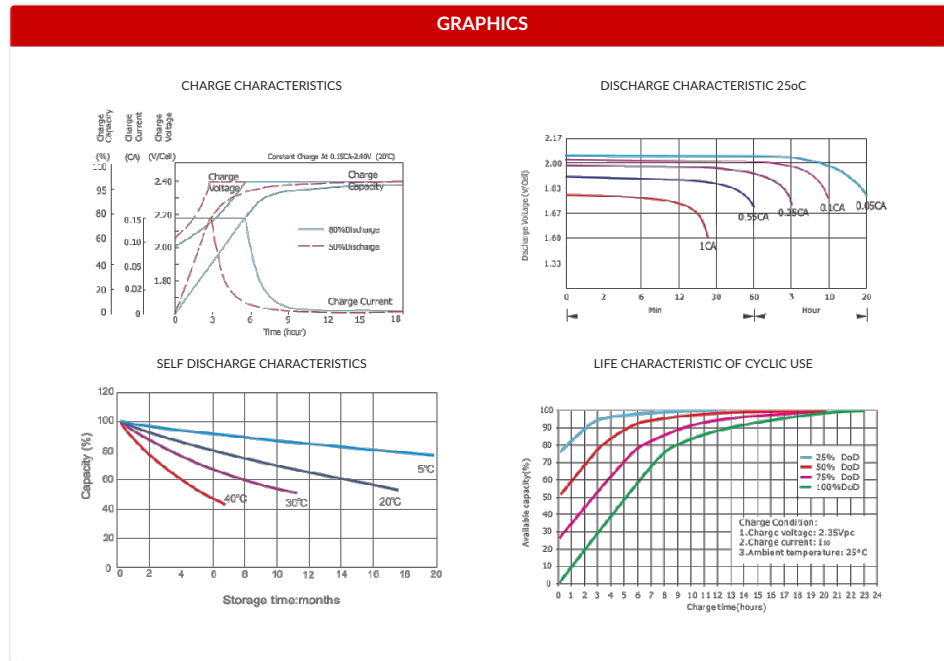
Complied standards

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



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1000Ah @ 10HR			
Internal Resistance	Fully Charged 0.28 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-5mV/C)		Float - 2.25-2.29V (-3mV/C)	
Max. Charge Current	200A			
Max. Discharge Current	4000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	475x175x330(367)
Weight (kgs)	61



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	30MIN		1HR	3HR		5HR	10HR		20HR			
10.80 V	804A	1503W	547A	1040W	247A	485W	173A	340W	100A	199W	52.5A	105W
10.50 V	834A	1560W	565A	1073W	255A	500W	178A	351W	101A	200W	52.9A	106W
10.20 V	855A	1599W	576A	1094W	257A	503W	179A	353W	101A	202W	53.2A	106W
9.90 V	882A	1649W	591A	1123W	259A	507W	180A	356W	102A	202W	53.3A	107W
9.60 V	900A	1683W	600A	1140W	260A	510W	182A	358W	102A	203W	53.4A	107W