

2V3000Ah @ 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.

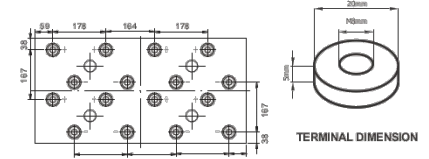


Complied standards

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

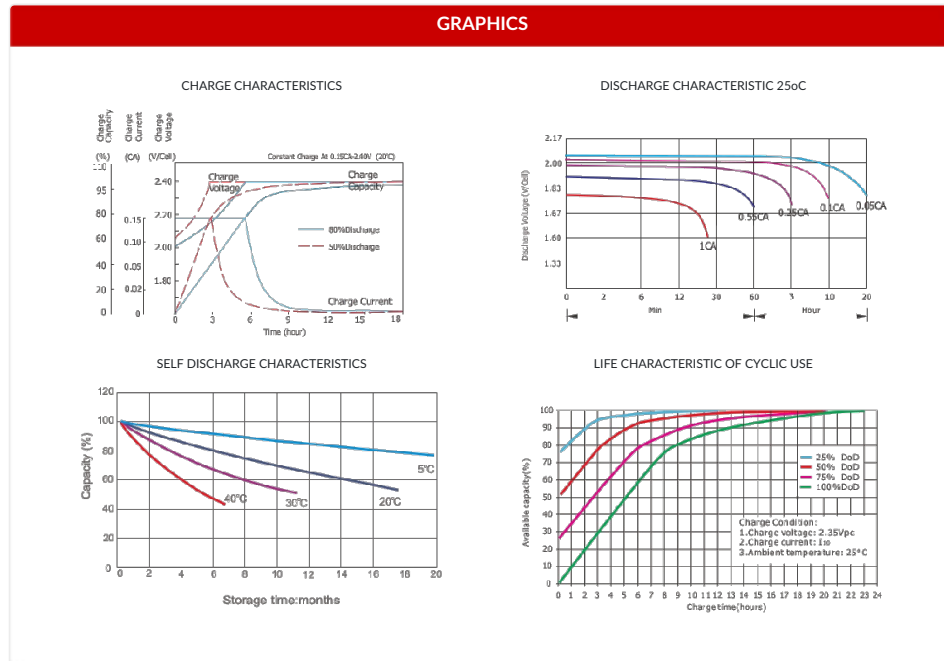


SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	3000Ah @ 10HR			
Internal Resistance	Fully Charged 0.12 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-5mV/C)		Float - 2.25-2.29V (-3mV/C)	
Max. Charge Current	600A			
Max. Discharge Current	1600A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	710x350x345(382)
Weight (kgs)	180

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	
1.80 V	2411A	4509W	1642A	3119W	742A	1454W	518A	1020W	300A	597W	158A	315W
1.75 V	2503A	4680W	1694A	3218W	765A	1499W	534A	1052W	302A	601W	159A	317W
1.70 V	2565A	4797W	1728A	3283W	770A	1510W	538A	1059W	304A	605W	160A	319W
1.65 V	2646A	4948W	1773A	3369W	776A	1520W	541A	1067W	305A	607W	160A	320W
1.60 V	2700A	5049W	1800A	3420W	780A	1529W	545A	1073W	305A	608W	160A	321W