

2V1200Ah @ 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.

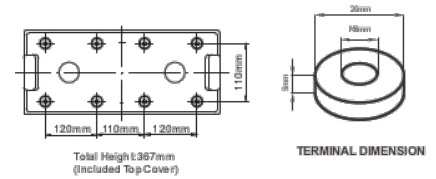


Complied standards

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

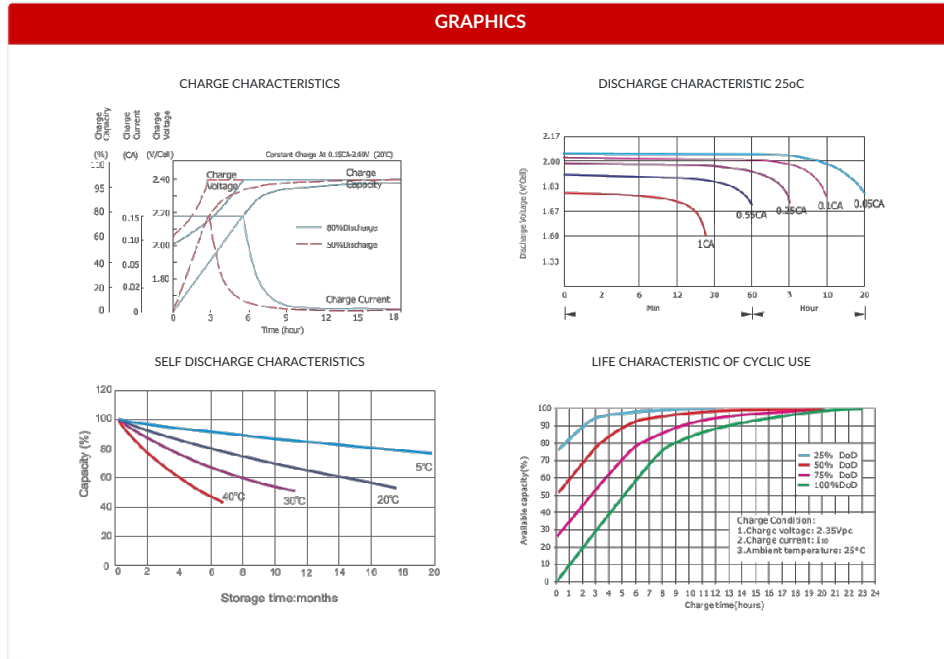


SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1200Ah @ 10HR			
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-30mV/C)		Float - 2.25-2.29V (-20mV/C)	
Max. Charge Current	240A			
Max. Discharge Current	4000A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	475x175x330(367)
Weight (kgs)	66

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	964A	1804W	657A	1248W	297A	582W	207A	408W	120A	239W	63.0A	126W
1.75 V	1001A	1872W	678A	1287W	306A	600W	214A	421W	121A	240W	63.4A	127W
1.70 V	1026A	1919W	691A	1313W	308A	604W	215A	424W	122A	242W	63.8A	128W
1.65 V	1058A	1979W	709A	1347W	310A	608W	217A	427W	122A	243W	64.0A	128W
1.60 V	1080A	2020W	720A	1368W	312A	612W	218A	429W	122A	243W	64.1A	128W