

## 2V2500Ah @ 10HR

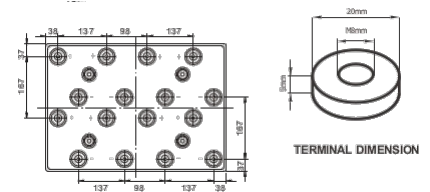
### Rekoser Gel Deep Cycle Batteries

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**

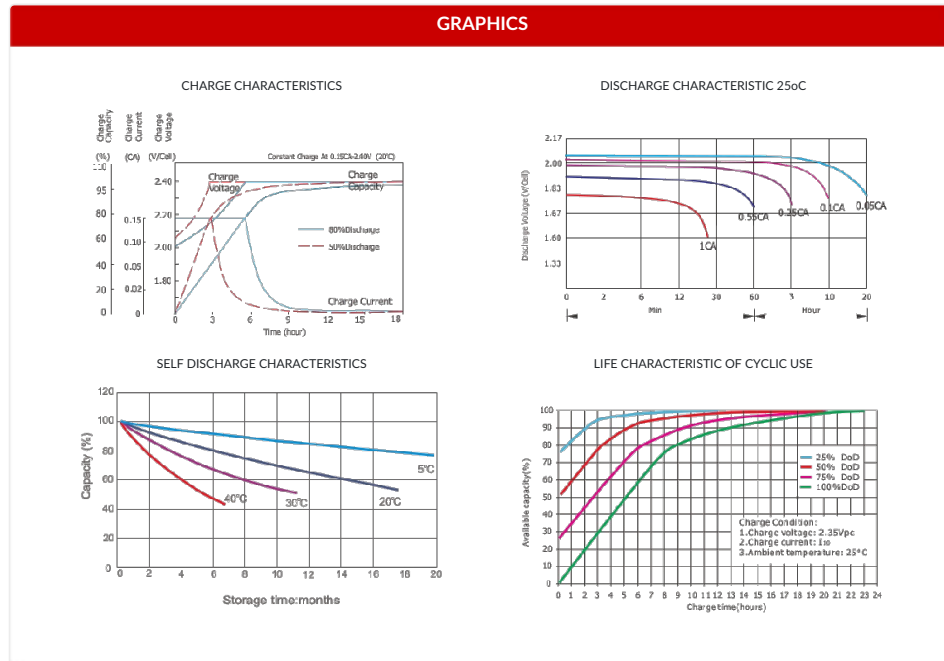
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	2500Ah @ 10HR			
Internal Resistance	Fully Charged 0.15 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	500A			
Max. Discharge Current	7000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	490x350x345(382)
Weight (kgs)	138

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	1929A	3607W	1313A	2495W	594A	1164W	414A	816W	250A	488W	126A	252W
1.75 V	2002A	3744W	1355A	2575W	612A	1200W	427A	842W	252A	491W	127A	254W
1.70 V	2052A	3837W	1382A	2627W	616A	1208W	430A	847W	253A	494W	128A	255W
1.65 V	2117A	3958W	1418A	2695W	621A	1216W	433A	853W	254A	495W	128A	256W
1.60 V	2160A	4039W	1440A	2736W	624A	1224W	436A	858W	254A	496W	128A	257W