

## 2V250Ah @ 10HR

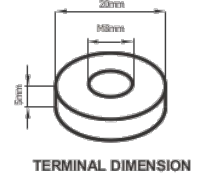
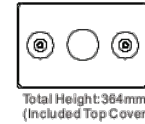
### Rekoser Gel Deep Cycle Batteries

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

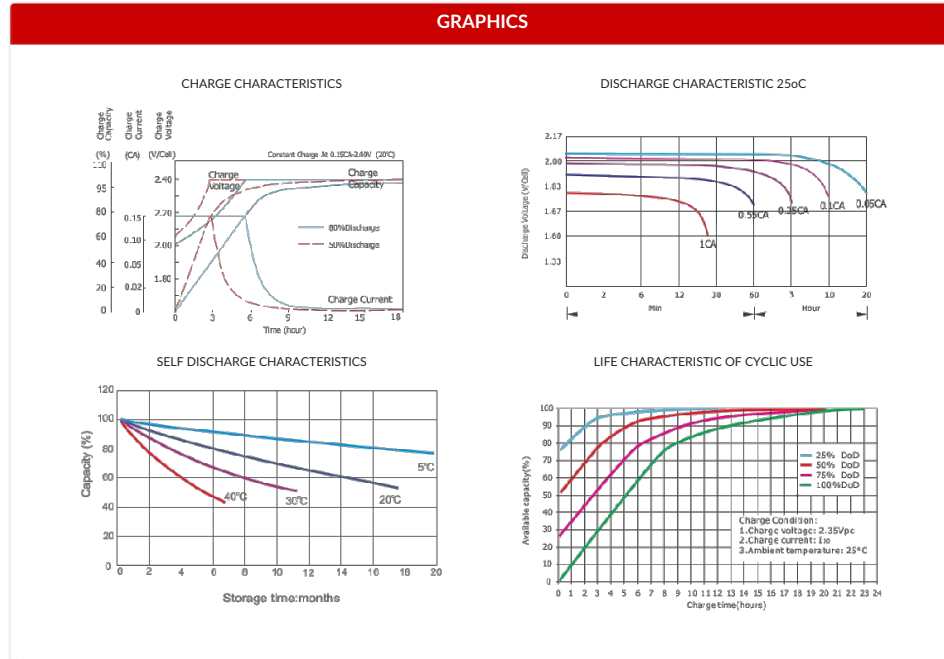
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	250Ah @ 10HR			
Internal Resistance	Fully Charged 25 mΩ			
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	50A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	173x111x330(364)
Weight (kgs)	13

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	201A	376W	137A	260W	61.8A	121W	43.2A	85.0W	25.0A	49.8W	13.1A	26.3W
1.75 V	209A	390W	141A	268W	63.8A	125W	44.5A	87.7W	25.2A	50.1W	13.2A	26.4W
1.70 V	214A	400W	144A	274W	64.2A	126W	44.8A	88.3W	25.3A	50.4W	13.3A	26.6W
1.65 V	221A	412W	148A	281W	64.6A	127W	45.1A	88.9W	25.4A	50.5W	13.3A	26.7W
1.60 V	225A	421W	150A	285W	65.0A	127W	45.4A	89.4W	25.5A	50.6W	13.4A	26.7W