

## 2V800Ah @ 10HR

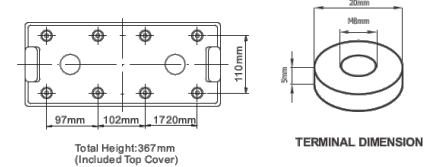
### Rekoser Gel Deep Cycle Batteries

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.



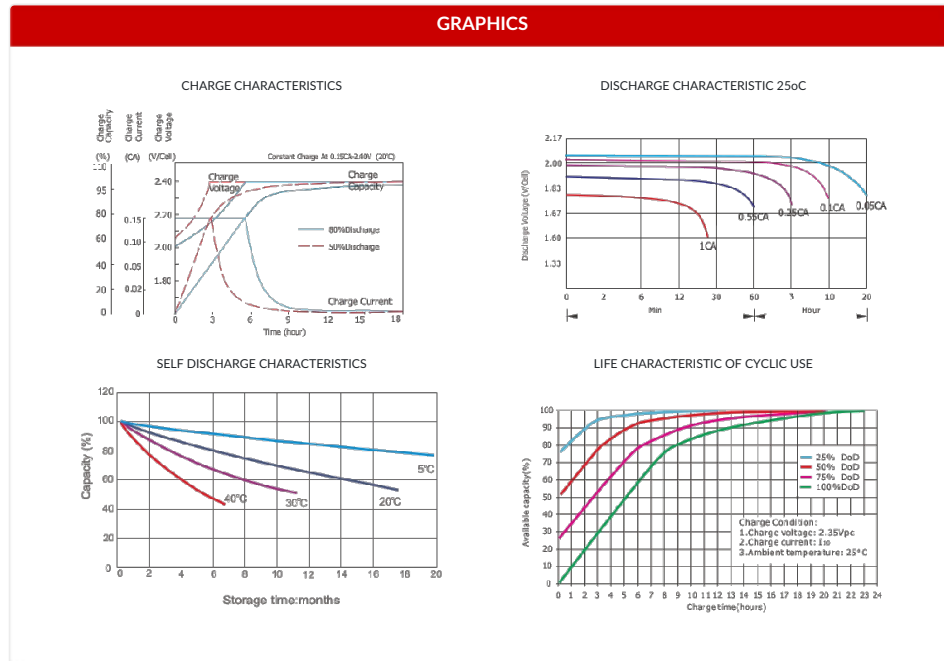
**Complied standards**

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



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	800Ah @ 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 (-5mV / o C/ cell)		Float - 2.25-2.29V (-3mV / o C/ cell)	
Max. Charge Current	160A			
Max. Discharge Current	3200A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	410x175x330(367)
Weight (kgs)	51



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	2HR	3HR	5HR	6HR	8HR	10HR	20HR
1.80 V	643A 1202W	438A 832W	276A 534W	198A 388W	138A 272W	119A 234W	93.1A 185W	80.0A 159W	36.4A 73.2W
1.75 V	667A 1248W	452A 858W	284A 548W	204A 400W	142A 281W	122A 241W	96.0A 191W	80.6A 160W	36.7A 73.7W
1.70 V	684A 1279W	461A 876W	288A 556W	205A 403W	143A 282W	123A 243W	96.7A 192W	81.0A 161W	36.9A 74.1W
1.65 V	706A 1319W	473A 898W	291A 561W	207A 405W	144A 284W	124A 245W	97.3A 194W	81.3A 162W	37.0A 74.3W
1.60 V	720A 1346W	480A 912W	292A 564W	208A 408W	145A 286W	125A 246W	97.9A 195W	81.4A 162W	37.1A 74.5W