

## 2V600Ah @ 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.

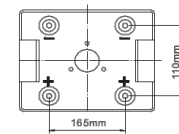


#### Complied standards

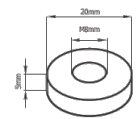
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	600Ah @ 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	120A			
Max. Discharge Current	3000A			

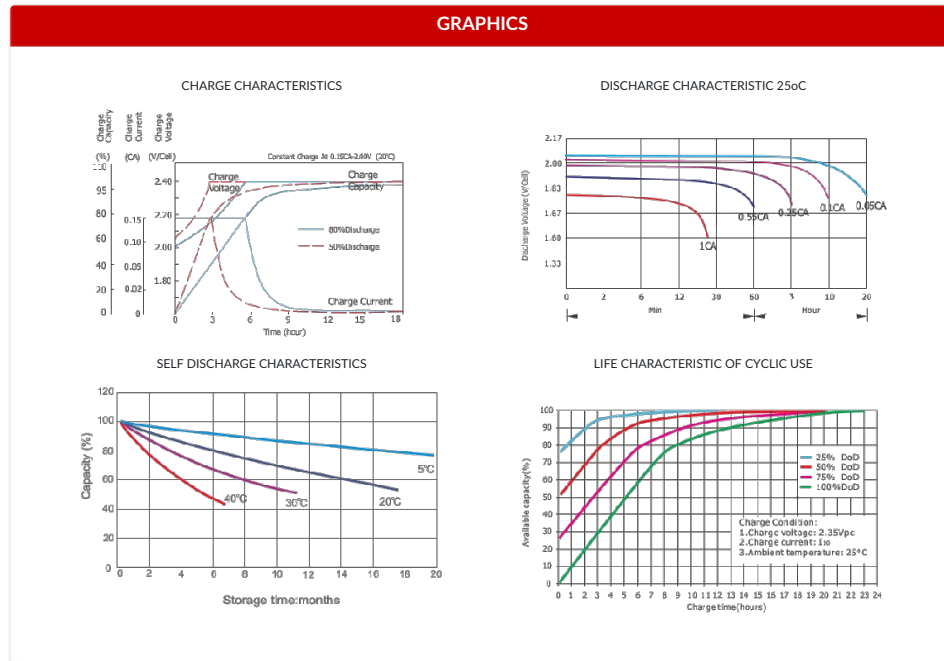


Total Height: 367mm (included Top Cover)



TERMINAL DIMENSION

DIMENSIONS AND WEIGHT	
Dimensions (mm)	302x175x330(367)
Weight (kgs)	35.5



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	482A 902W	328A 624W	207A 400W	148A 291W	104A 204W	89.0A 175W	69.8A 139W	60.0A 119W	31.5A 63.0W
1.75 V	501A 936W	339A 644W	213A 411W	153A 300W	107A 210W	91.8A 181W	72.0A 143W	60.4A 120W	31.7A 63.4W
1.70 V	513A 959W	346A 657W	216A 417W	154A 302W	108A 212W	92.4A 182W	72.5A 144W	60.8A 121W	31.9A 63.8W
1.65 V	529A 990W	355A 674W	218A 421W	155A 304W	108A 213W	93.1A 183W	73.0A 145W	61.0A 121W	32.0A 64.0W
1.60 V	540A 1010W	360A 684W	219A 423W	156A 306W	109A 215W	93.6A 184W	73.4A 146W	61.1A 122W	32.1A 64.1W