

2V300Ah @ 10HR

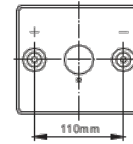
Rekoser Gel Deep Cycle Batteries

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.

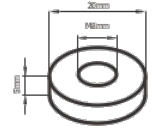


Complied standards

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



Total Height: 367mm (Included Top Cover)

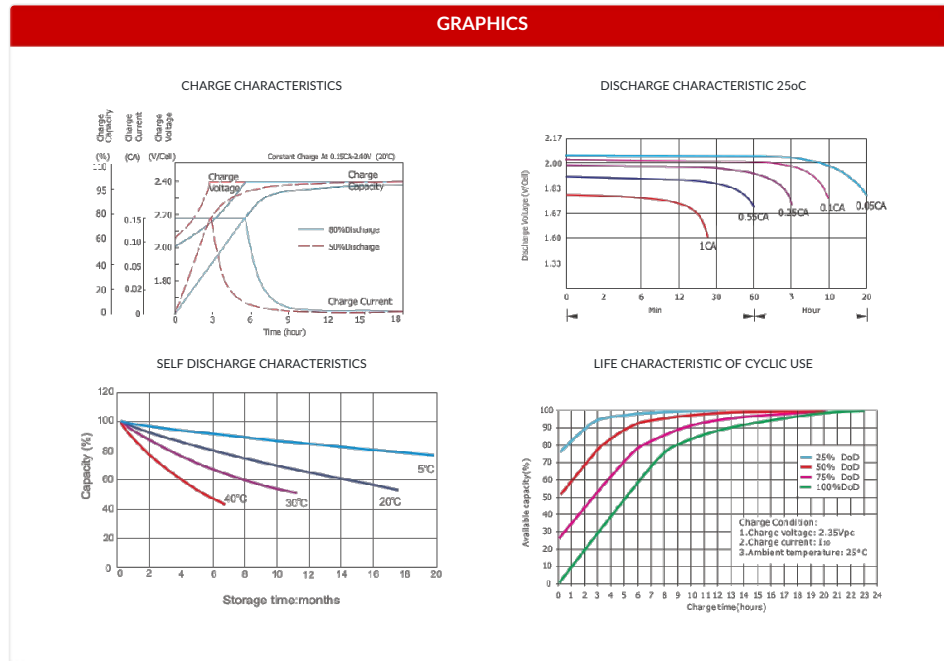


TERMINAL DIMENSION

SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	300Ah @ 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/C)		Float - 2.25-2.29V (-3mV/C)	
Max. Charge Current	60A			
Max. Discharge Current	1500A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	171x151x330(364)
Weight (kgs)	18.5

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		3HR		5HR		10HR		20HR	
1.80 V	241A	451W	164A	312W	74.2A	145W	51.8A	102W	30.0A	59.7W	15.8A	31.5W
1.75 V	250A	468W	169A	322W	76.5A	150W	53.4A	105W	30.2A	60.1W	15.9A	31.7W
1.70 V	257A	480W	173A	328W	77.0A	151W	53.8A	106W	30.4A	60.5W	16.0A	31.9W
1.65 V	265A	495W	177A	337W	77.6A	152W	54.1A	107W	30.5A	60.7W	16.0A	32.0W
1.60 V	270A	505W	180A	342W	78.0A	153W	54.5A	107W	30.5A	60.8W	16.0A	32.1W