

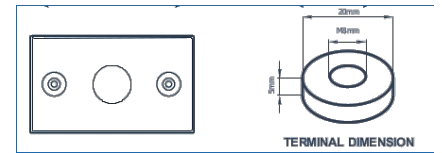
2V150Ah @ 10HR

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.



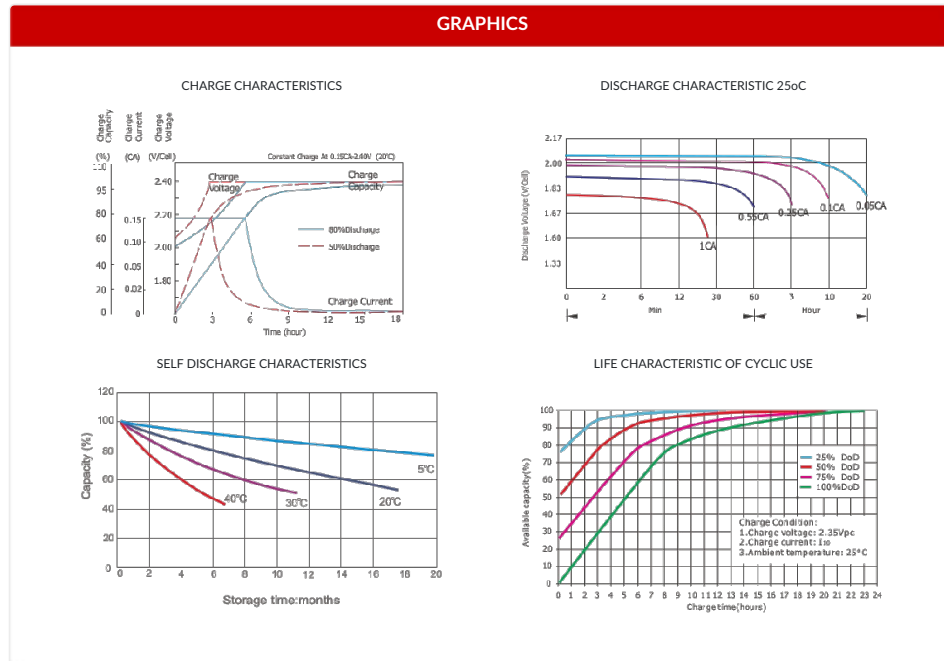
- Complied standards**
- IEC 60896-21/22
 - JIS C8704
 - GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	150Ah @ 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	30A			
Max. Discharge Current	750A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	172x102x205(227)
Weight (kgs)	8

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	15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
1.80 V	174A	319W	121A	225W	82.1A	156W	37.1A	72.7W	25.9A	51.0W	15.0A	29.9W	7.88A	15.8W
1.75 V	184A	336W	125A	234W	84.7A	161W	38.3A	75.0W	26.7A	52.6W	15.1A	30.1W	7.93A	15.9W
1.70 V	190A	348W	128A	240W	86.4A	164W	38.5A	75.5W	26.9A	53.0W	15.2A	30.2W	7.98A	16.0W
1.65 V	198A	362W	132A	247W	88.7A	168W	38.8A	76.0W	27.1A	53.3W	15.2A	30.3W	8.0A	16.0W
1.60 V	203A	371W	135A	252W	90.0A	171W	39.0A	76.5W	27.2A	53.7W	15.3A	30.4W	8.02A	16.0W