

2V1500Ah @ 10HR

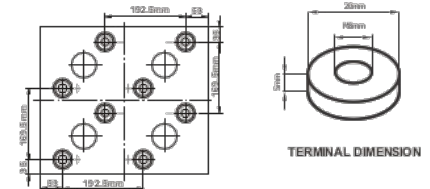
Rekoser Gel Deep Cycle Batteries

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

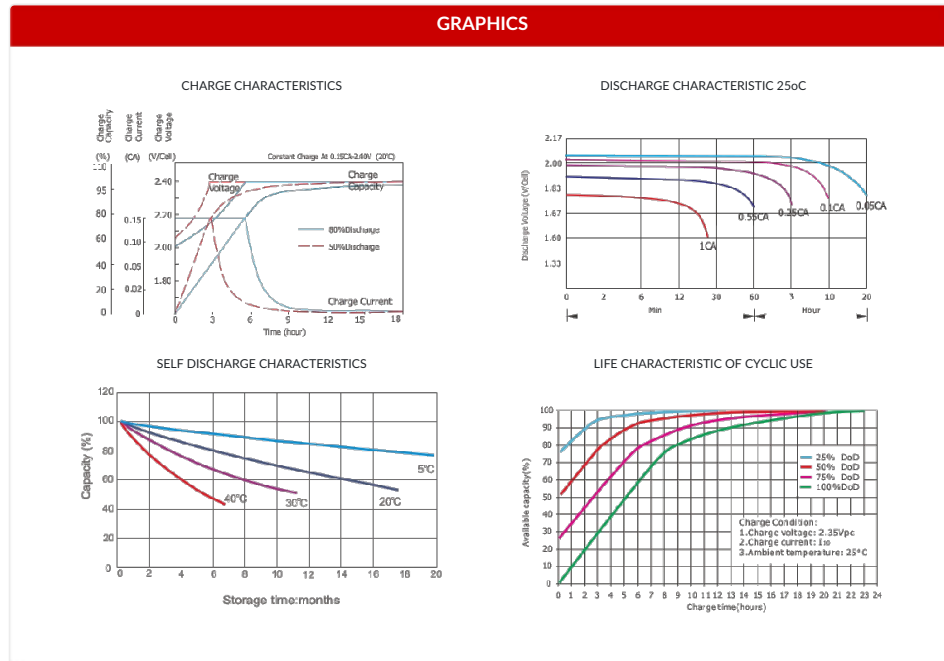
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	1500Ah @ 10HR 1575Ah @ 20HR			
Internal Resistance	Fully Charged 0.2 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	300A			
Max. Discharge Current	6000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	400x350x345(382)
Weight (kgs)	93

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	1206A	2254W	821A	1560W	371A	727W	259A	510W	150A	299W	78.8A	158W
1.75 V	1251A	2340W	847A	1609W	383A	750W	267A	526W	151A	301W	79.3A	159W
1.70 V	1283A	2398W	864A	1642W	385A	755W	269A	530W	152A	302W	79.8A	160W
1.65 V	1323A	2474W	887A	1684W	388A	760W	271A	533W	152A	303W	80.0A	160W
1.60 V	1350A	2525W	900A	1710W	390A	765W	272A	537W	153A	304W	80.2A	160W