

12V60Ah @ 10HR

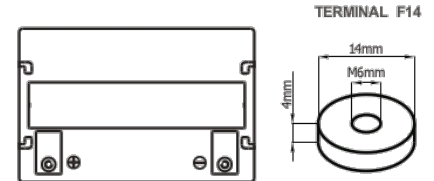
Rekoser Gel Deep Cycle Batteries

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

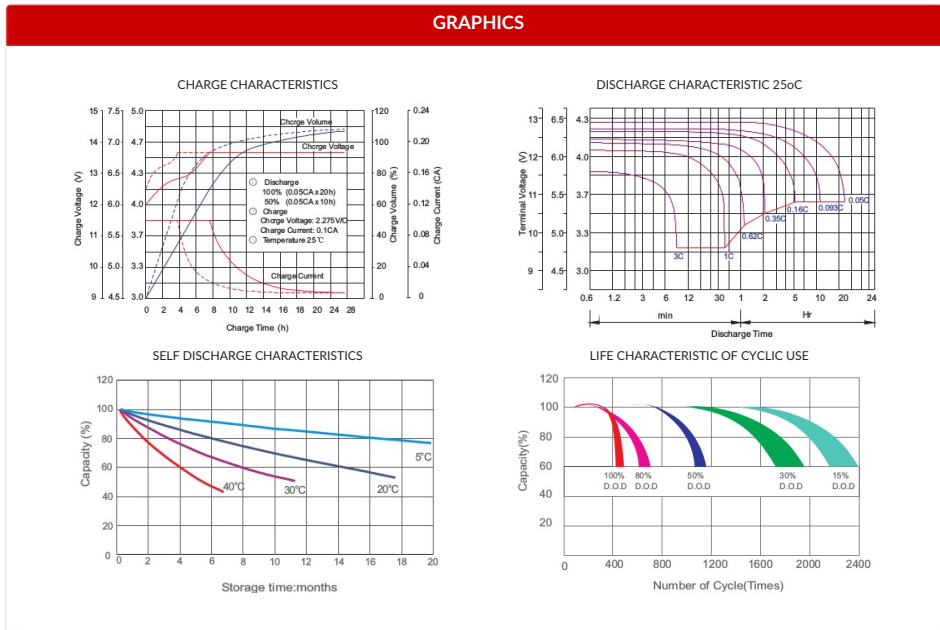
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	60Ah @ 10HR			
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	18A			
Max. Discharge Current	600			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	260x168x211(216)
Weight (kgs)	20.0

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	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
10.80 V	106A	1143W	85.1A	935W	53.6A	601W	33.9A	387W	14.6A	171W	10.2A	120W	6.0A	71.6W	3.15A	37.8W
10.50 V	112A	1211W	89.9A	987W	55.6A	624W	35.0A	399W	15.0A	176W	10.5A	124W	6.04A	72.1W	3.17A	38.1W
10.20 V	117A	1266W	93.1A	1022W	57.0A	640W	35.7A	407W	15.1A	178W	10.6A	125W	6.08A	72.6W	3.19A	38.3W
10.02 V	122A	1320W	96.6A	1061W	58.8A	660W	36.6A	418W	15.2A	179W	10.6A	126W	6.1A	72.8W	3.2A	38.4W
9.60 V	126A	1361W	99.0A	1087W	60.0A	673W	37.2A	424W	15.3A	180W	10.7A	127W	6.11A	72.9W	3.21A	38.5W