

## 12V150Ah @ 10HR

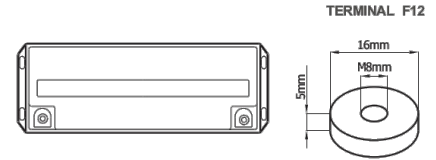
### Rekoser Gel Deep Cycle Batteries

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**

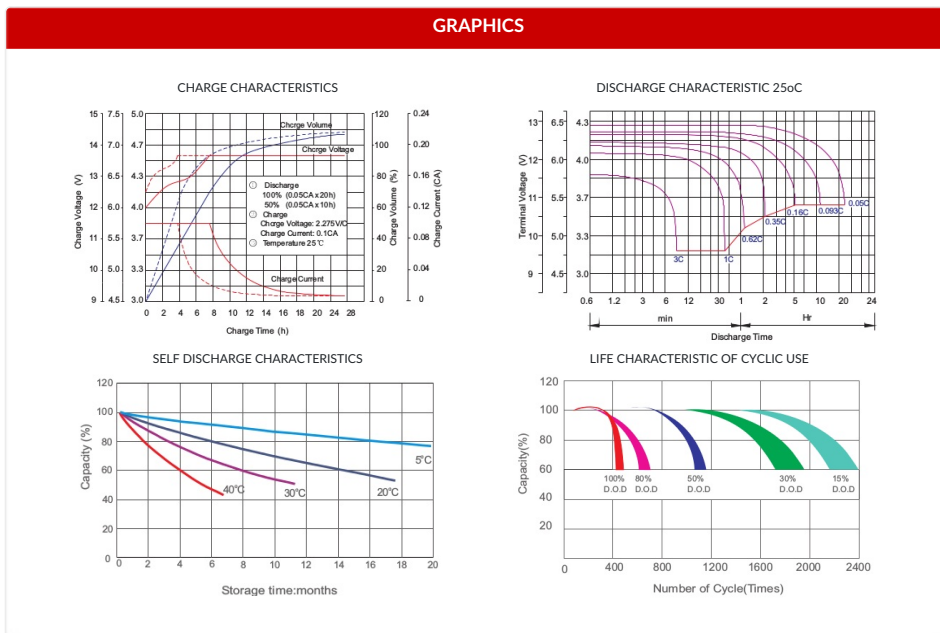
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	150Ah @ 10HR	157.4Ah @ 20HR		
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	37.5A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	485x172x240(240)
Weight (kgs)	46.0

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	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	236A 444W	211A 402W	193A 368W	135A 260W	87.4A 170W	38.8A 76.1W	26.0A 51.4W	14.6A 29.2W	7.69A 15.5W
10.80 V	276A 510W	235A 441W	211A 400W	143A 273W	91.4A 175W	40.1A 78.0W	26.6A 52.2W	15.0A 29.8W	7.87A 15.7W
10.50 V	312A 570W	258A 479W	227A 425W	150A 283W	94.5A 180W	40.9A 78.8W	27.3A 53.1W	15.3A 30.2W	8.03A 15.9W
10.20 V	358A 647W	278A 510W	244A 453W	155A 291W	96.4A 182W	41.5A 79.4W	26.7A 53.3W	15.5A 30.4W	8.18A 16.1W
10.02 V	402A 716W	306A 556W	258A 475W	161A 300W	98.7A 185W	42.0A 79.8W	27.8A 53.5W	15.7A 30.5W	8.37A 16.4W
9.60 V	450A 792W	332A 597W	274A 500W	169A 312W	101A 189W	42.5A 80.2W	28.2A 53.7W	15.9A 30.7W	8.57A 16.6W