

## 12V225Ah @ 10HR

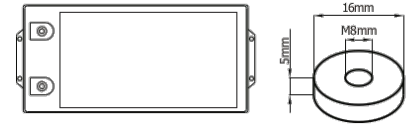
### Rekoser Gel Deep Cycle Batteries

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**

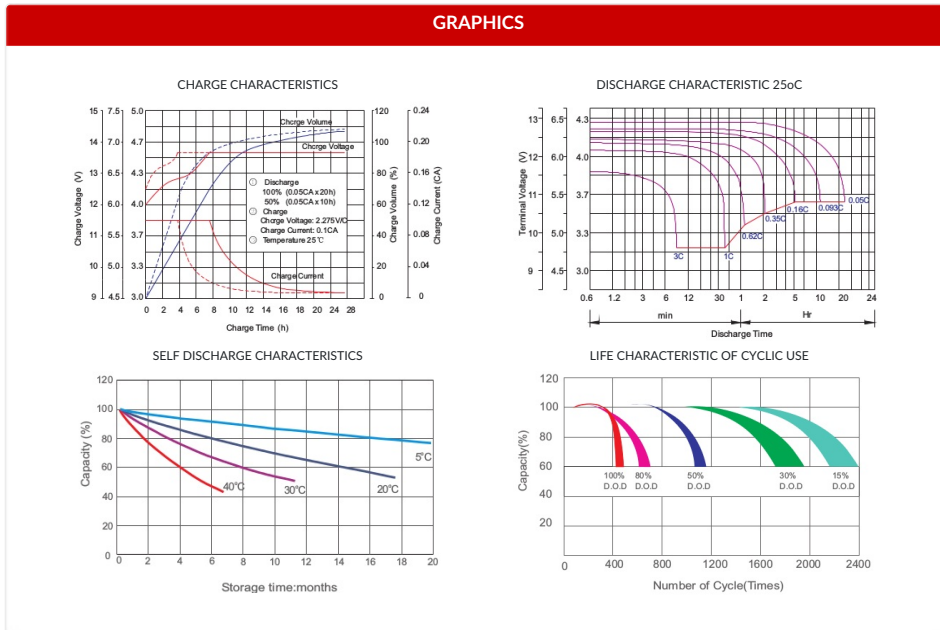
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	225Ah @ 10HR   236Ah @ 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	56A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	522x238x218(222)
Weight (kgs)	64

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	336A 633W	304A 579W	280A 536W	199A 383W	115A 252W	58.1A 114W	39.0A 77.1W	21.9A 43.8W	11.5A 23.2W
10.80 V	393A 727W	338A 635W	308A 582W	211A 402W	121A 261W	60.1A 117W	39.9A 78.4W	22.5A 44.7W	11.8A 23.6W
10.50 V	444A 812W	372A 690W	330A 618W	221A 416W	125A 267W	61.3A 118W	40.9A 79.6W	23.0A 45.2W	12.0A 23.9W
10.20 V	511A 922W	400A 735W	355A 659W	228A 428W	127A 270W	62.3A 119W	41.4A 80.0W	23.3A 45.5W	12.3A 24.2W
10.02 V	572A 1020W	441A 800W	376A 691W	237A 441W	130A 275W	63.0A 120W	41.8A 80.2W	23.6A 45.8W	12.6A 24.5W
9.60 V	642A 1129W	478A 859W	399A 728W	248A 459W	134A 281W	63.8A 120W	42.3A 80.6W	23.9A 46.1W	12.8A 24.9W