

12V200Ah @ 10HR

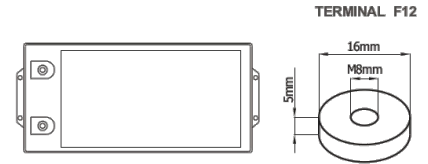
Rekoser Gel Deep Cycle Batteries

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

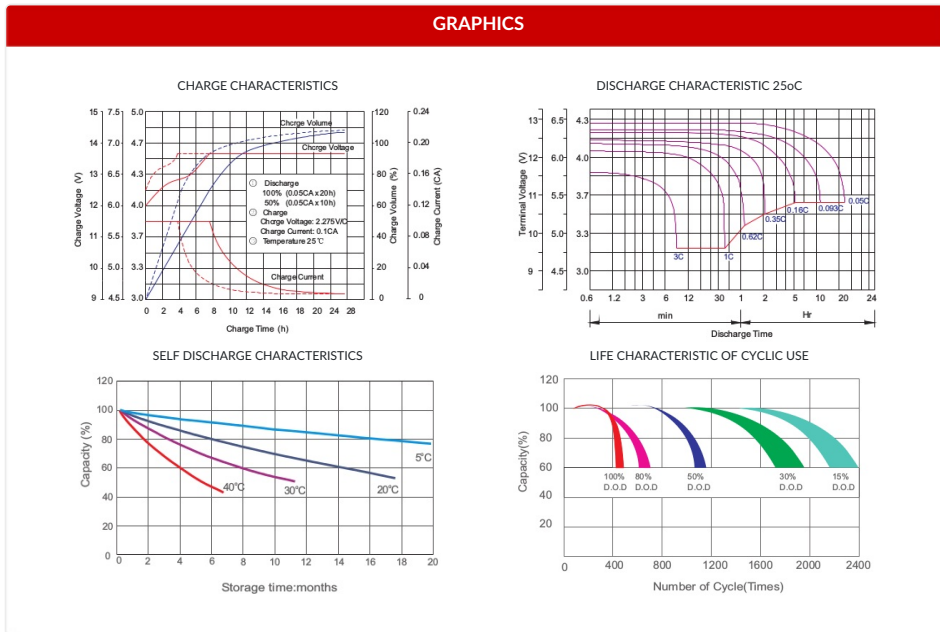
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	200Ah @ 10HR	210Ah @ 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 - 14.4-14.8V (-30mV/C)		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	50A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	522x238x218(222)
Weight (kgs)	60.0

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	299A 563W	271A 514W	249A 476W	177A 340W	115A 224W	51.7A 91.3W	34.6A 61.7W	19.5A 35.0W	10.3A 18.5W
10.80 V	349A 646W	301A 564W	273A 517W	187A 357W	121A 232W	53.4A 93.6W	35.5A 62.7W	20.0A 35.8W	10.5A 18.9W
10.50 V	395A 722W	331A 614W	293A 549W	196A 370W	125A 237W	54.5A 94.6W	36.4A 63.7W	20.4A 36.2W	10.7A 19.1W
10.20 V	454A 820W	356A 653W	316A 585W	203A 380W	127A 240W	55.3A 95.3W	36.8A 64.0W	20.7A 36.4W	10.9A 19.3W
10.02 V	509A 907W	392A 711W	334A 614W	211A 392W	130A 244W	56.0A 95.8W	37.1A 64.1W	20.9A 36.6W	11.2A 19.6W
9.60 V	570A 1004W	425A 764W	355A 647W	221A 408W	134A 249W	57.6A 96.3W	37.6A 64.5W	21.2A 36.9W	11.4A 19.9W