

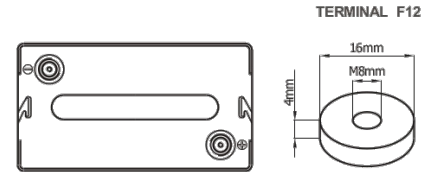
6V200Ah @ 10HR

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.



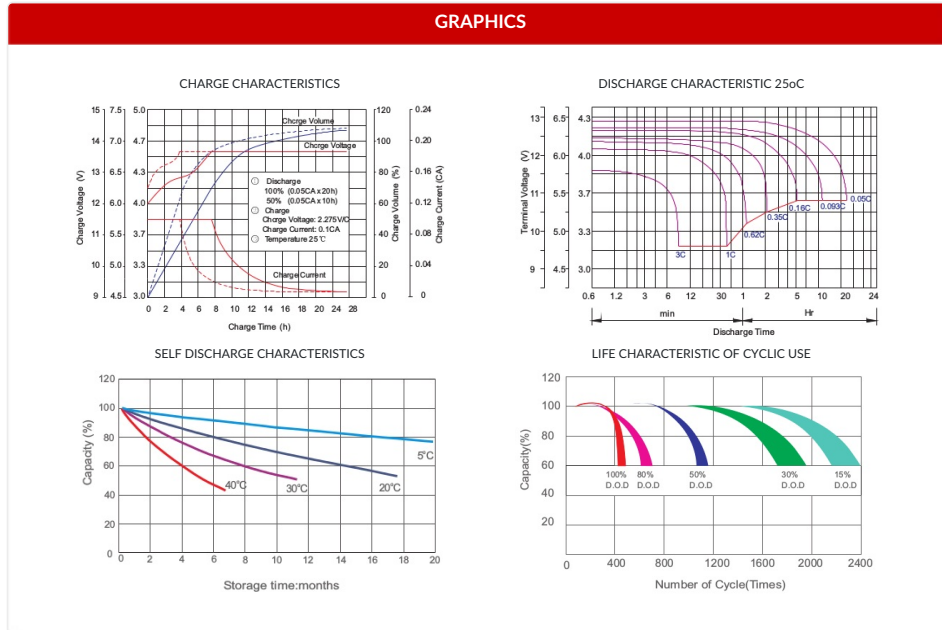
- Complied standards**
- IEC 60896-21/22
 - JIS C8704
 - GB/T19639



SPECIFICATIONS				
Nominal Voltage	6V			
Capacity (25°C)	200Ah @ 10HR	210Ah @ 20HR		
Internal Resistance	Approx. 0.0031 Ohm (fully charged @ 20°C)			
Self Discharge	Approx. 3% per month @ 20°C			
Cell number	3 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 7.2-7.4V (-3mV/C)		Float - 6.8-6.9V (-2mV/C)	
Max. Charge Current	50A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	306x168x226(226)
Weight (kgs)	30.0

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	
5.55 V	299A	563W	271A	514W	249A	514W	177A	340W	115A	224W	51.7A	91.3W	34.6A	61.7W	19.5A	35.0W	10.3A	18.5W
5.40 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
5.25 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
5.10 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
5.01 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
4.80 V	570A	1004W	425A	764W	355A	647W	221A	408W	134A	249W	56.7A	96.3W	37.6A	64.5W	21.2A	36.9W	11.4A	19.9W