

12V70Ah @ 10HR

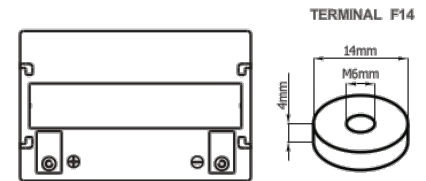
Rekoser Gel Deep Cycle Batteries

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

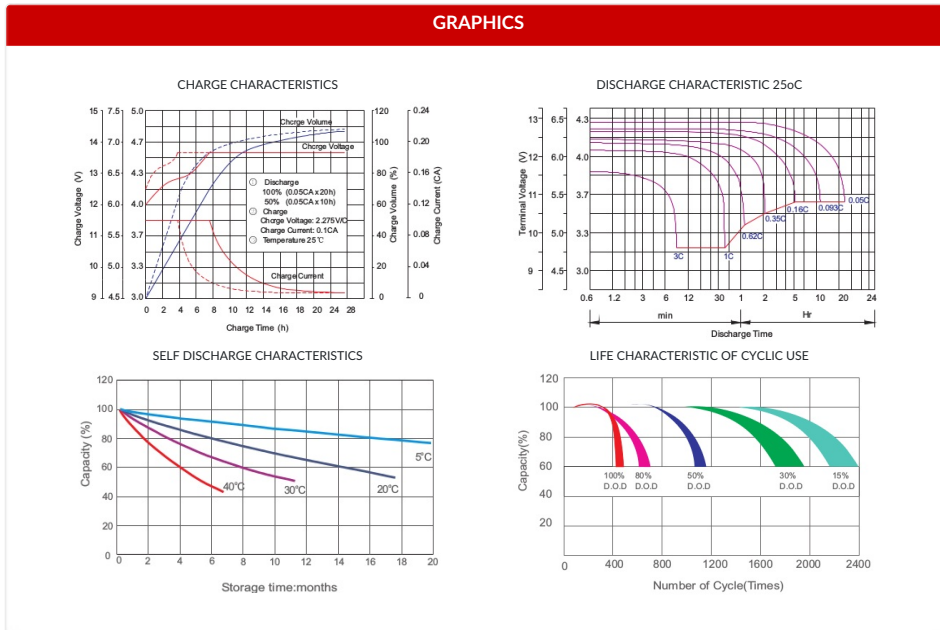
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	70Ah @ 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	17.5A			
Max. Discharge Current	675A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	260x166x211(216)
Weight (kgs)	22.0

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	110A 207W	99A 187W	89.9A 172W	63.1A 122W	40.8A 79.1W	18.1A 35.5W	12.1A 24.0W	6.82A 13.6W	3.59A 7.21W
10.80 V	129A 238W	110A 206W	98.6A 187W	66.9A 127W	42.6A 81.9W	18.7A 36.4W	12.4A 24.4W	7.0A 13.9W	3.67A 7.34W
10.50 V	145A 266W	121A 224W	106A 198W	70.0A 132W	44.1A 83.9W	19.1A 36.8W	12.7A 24.8W	7.14A 14.1W	3.75A 7.42W
10.20 V	167A 302W	130A 238W	114A 211W	72.5A 136W	45.0A 85.0W	19.4A 37.1W	12.9A 24.9W	7.24A 14.2W	3.82A 7.52W
10.02 V	187A 334W	143A 259W	121A 222W	75.3A 140W	46.1A 86.4W	19.6A 37.2W	13.0A 24.9W	7.33A 14.2W	3.91A 7.63W
9.60 V	210A 370W	155A 278W	128A 233W	78.8A 146W	47.3A 88.2W	19.8A 37.4W	13.2A 25.1W	7.42A 14.3W	4.0A 7.76W