

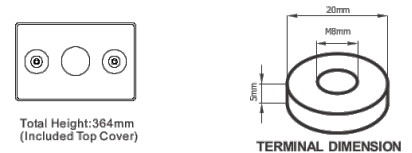
2V200Ah @ 10HR

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.

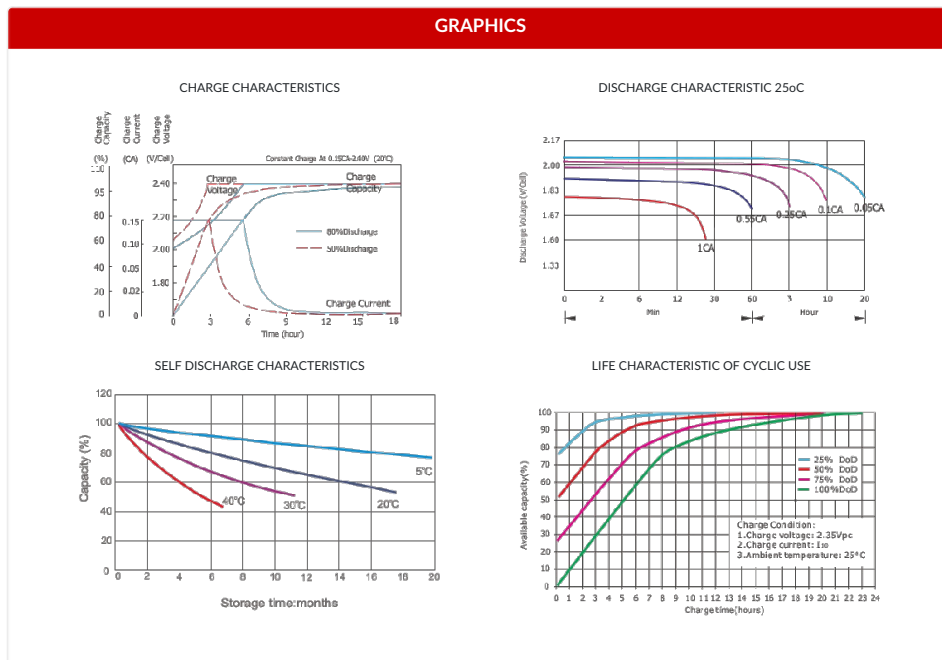


- Complied standards**
- IEC 60896-21/22
 - JIS C8704
 - GB/T19639



SPECIFICATIONS				
Nominal Voltage	2V			
Capacity (25°C)	200Ah @ 10HR			
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-50mV/C), max. Current 2.1A		Float - 2.25-2.29V (-30mV/C)	
Max. Charge Current	40A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	173x111x330(364)
Weight (kgs)	13



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	30MIN		1HR		3HR		5HR		10HR		20HR	
1.80 V	161A	301W	109A	208W	49.5A	97.0W	34.5A	68.0W	20.0A	39.8W	10.5A	21.0W
1.75 V	167A	312W	113A	215W	51.0A	100W	35.6A	70.1W	20.1A	40.1W	10.6A	21.1W
1.70 V	171A	320W	115A	219W	51.4A	101W	35.8A	70.6W	20.3A	40.3W	10.6A	21.3W
1.65 V	176A	330W	118A	225W	51.7A	101W	36.1A	71.1W	20.3A	40.4W	10.7A	21.3W
1.60 V	180A	337W	120A	228W	52.0A	102W	36.3A	71.5W	20.4A	40.5W	10.7A	21.4W