



RG-SOLAR-BATTERY-12-100AH

Solar Battery 100AH 12V Deep Cycle

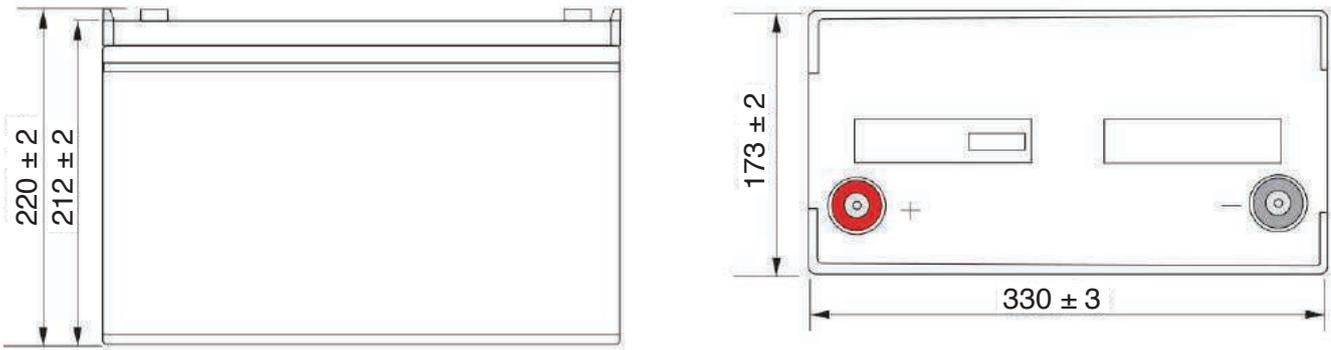


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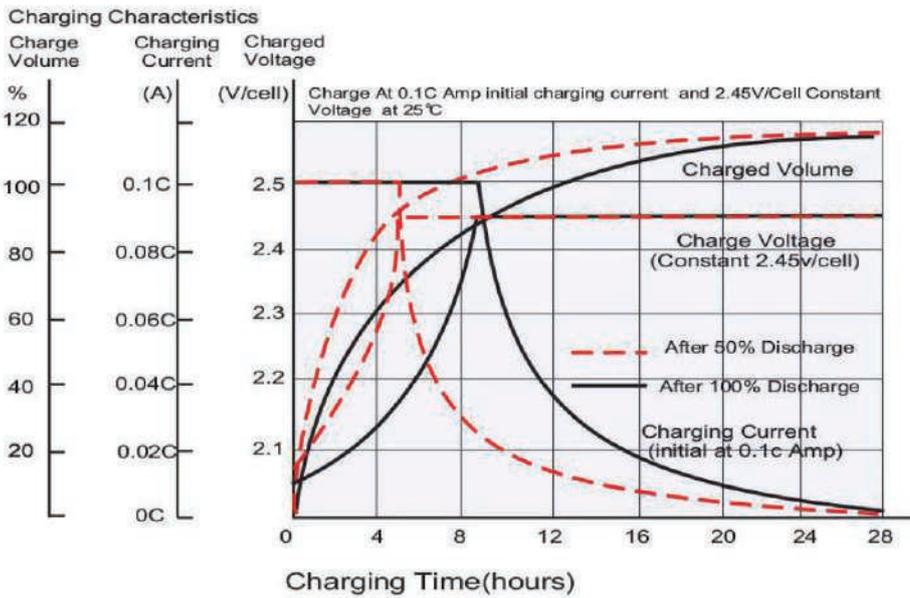


*Image for reference only; actual product may vary

Technical Data	RG-SOLAR-BATTERY-12-100AH
Nominal Voltage	12V
Nominal Capacity(10HR)	100.0AH
Dimension (Length)	330 ± 3mm (12.99 inches)
Dimension (Width)	173 ± 2mm (6 .81 inches)
Dimension (Container Height)	212 ± 2mm (8.35 inches)
Dimension (Total Height with Terminal)	220 ± 2mm (8 .66 inches)
Approx Weight	28.8 Kg (63.5 lbs)
Terminal	T11
Container Material	ABS
Rated Capacity	107.2AH/5.36A (20hr , 1 .80V / cell,25°C/77°F) 100.0AH/10.0A (10 hr, 1 .80V / cell , 25°C/77°F) 87 .7 AH/17.5A (5hr, 1. 75V /cell ,25°C/77°F) 79.5AH/26.5A (3hr, 1. 75V /cell,25°C/77°F) 64 .6AH/64 .6A (1 hr, 1.60V /cell ,25°C/77°F)
Max. Discharge Current	1200A (5s)
Internal Resistance	Approx 4.9m Ω
Operating Temp.Range (Discharge)	-15 ~ 50°C (5 ~ 122°F)
Operating Temp.Range (Charge)	0 ~ 40°C (32 ~ 104°F)
Operating Temp.Range (Storage)	-15 ~ 40°C (5 ~ 1 04°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 30.0A.Voltage 14.4V-15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C(77 °F)Temp . Coefficient-20mV/°C
Capacity affected by Temperature	40°C (104 °F) = 103% 25°C (77°F) = 100% 0°C (32 °F) = 86%
Self Discharge	Battery may be stored for up to 6 months at 25°C(77°F). For higher temperatures the time interval will be shorter.



• Charging Characteristics (Cycle Use)



• Discharge Characteristics

