



RG-SOLAR-BATTERY-12-40AH

Solar Battery 40AH 12V Deep Cycle

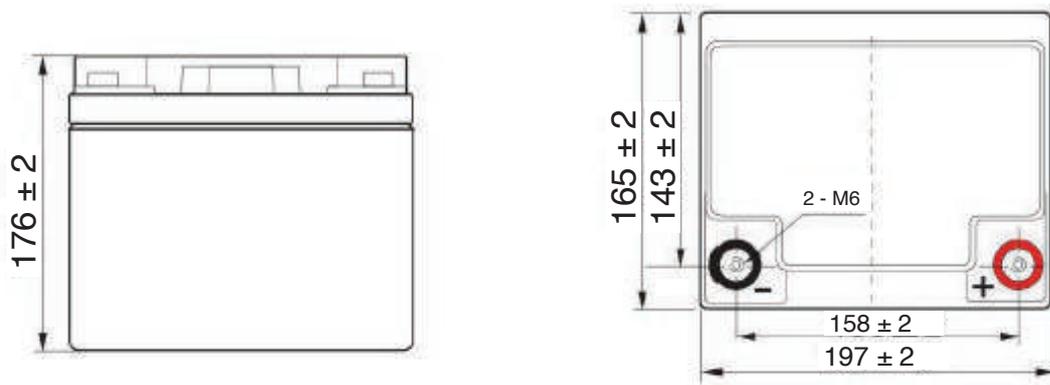


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*Image for reference only; actual product may vary

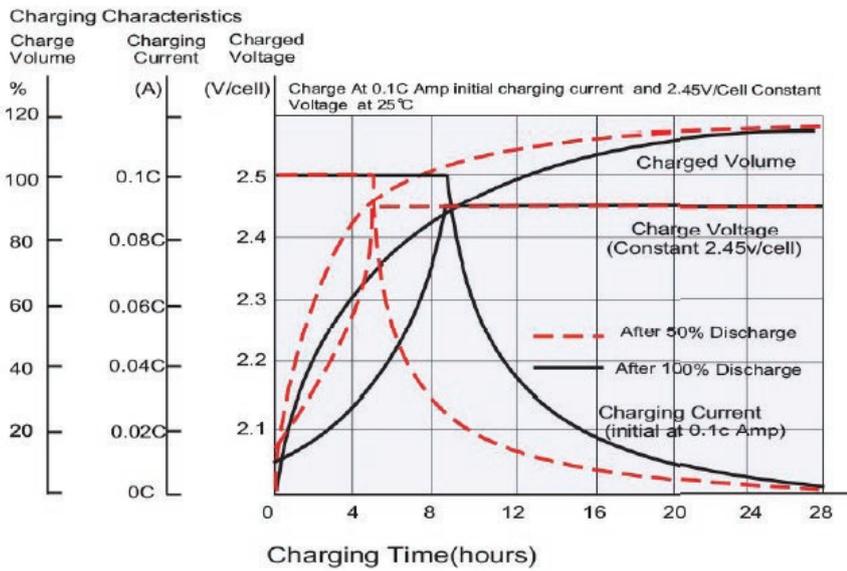
Technical Data	RG-SOLAR-BATTERY-12-40AH
Nominal Voltage	12V
Nominal Capacity (10HR)	40.0AH
Dimension (Length)	197 ± 2mm (7.76 inches)
Dimension (Width)	165 ± 2mm (6.50 inches)
Dimension (Container Height)	176 ± 2mm (6.92 inches)
Dimension (Total Height with Terminal)	176 ± 2mm (6.92 inches)
Approx Weight	Approx 12.2 kg (26.89 lbs)
Terminal	T6 / T12
Container Material	ABS
Rated Capacity	40.5 AH/1.976A (20hr , 1 .80V /cell,25°C/77°F) 40.0 AH/4.0A (10 hr, 1 .80V / cell , 25°C/77°F) 32.7 AH/6.55A (5hr, 1. 75V /cell ,25°C/77°F) 29.7 AH/9.89A (3hr, 1. 75V /cell,25°C/77°F) 23.2 AH/23.2A (1 hr, 1.60V /cell ,25°C/77°F)
Max. Discharge Current	456A (5s)
Internal Resistance	Approx 10 mΩ
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 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 11.4 A.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.



Electrical Characteristic

*All specification is subject to change without prior notice.

• Charging Characteristics (Cycle Use)



• Discharge Characteristics

