



RG-SOLAR-BATTERY-12-65AH

Solar Battery 65AH 12V Deep Cycle

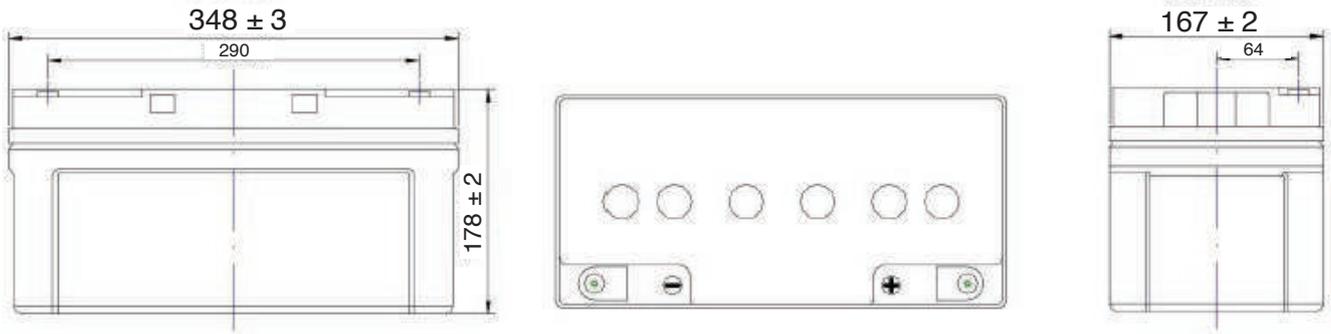


RANGER



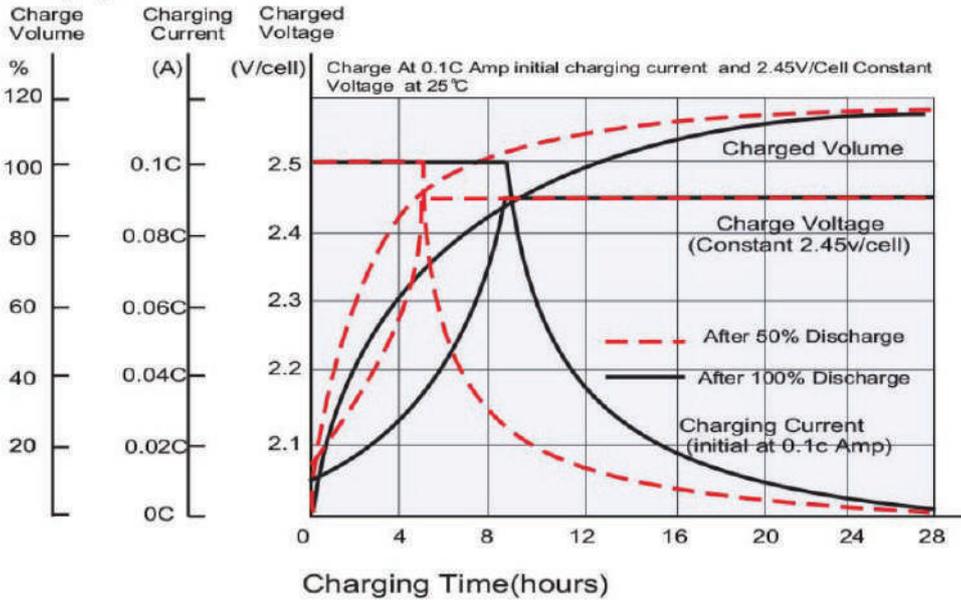
*Image for reference only; actual product may vary

Technical Data	RG-SOLAR-BATTERY-12-65AH
Nominal Voltage	12V
Nominal Capacity(10HR)	65.0AH
Dimension (Length)	348 ± 3mm (13.70 inches)
Dimension (Width)	167 ± 2mm (6.57 inches)
Dimension (Container Height)	178 ± 2mm (7.01 inches)
Dimension (Total Height with Terminal)	178 ± 2mm (7.01 inches)
Approx Weight	Approx 19.5 Kg (42.9 lbs)
Terminal	T6 / T10
Container Material	ABS
Rated Capacity	67.9 AH/3.39A(20hr , 1 .80V /cell,25°C/77°F) 65.0 AH/6.50A (10 hr, 1 .80V / cell , 25°C/77°F) 56.2 AH/11.2A(5hr, 1. 75V /cell ,25°C/77°F) 51.0 AH/17.0A (3hr, 1. 75V /cell,25°C/77°F) 39.9 AH/39.9A (1 hr, 1.60V /cell ,25°C/77°F)
Max. Discharge Current	780A(5s)
Internal Resistance	Approx 7.4 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 19.5 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.



• Charging Characteristics (Cycle Use)

Charging Characteristics



• Discharge Characteristics

