

Physical Specification

Nominal Voltage	12V
Length	330 ± 2mm (12.99 inches)
Width	173 ± 2mm (6.81 inches)
Container Height	212 ± 2mm (8.35 inches)
Total Height	220 ± 2mm (8.66 inches)
Wet Weight	Approx 31.4Kg (69.24 lbs)
Standard Terminal	T11
Container Material	ABS



Electrical Specification (25°C / 77°F)

BCI Group Size	Type	Nominal Voltage	Reserve Capacity (Minutes)		Rate Capacity (Amp hours)		
			25 Amps	75 Amps	5-Hr Rate	10-Hr Rate	20-Hr Rate
31	RM12-120DC	12	239	65	107	113	118

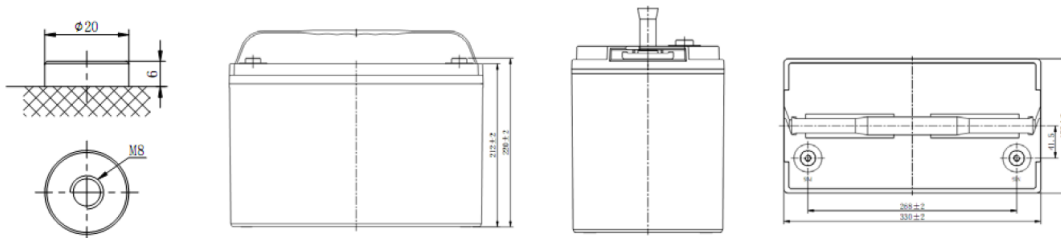
Characteristics

Capacity Affected by Temperature (20 HR)			Self Discharge @ 25°C (77°F)	Max. Discharge Current @ 25°C (77°F)	Charging @ 25°C (77°F) (Constant Voltage)		Internal Resistance @ 25°C (77°F)	Container Material
0°C (32°F)	25°C (77°F)	40°C (104°F)			Cycle	Float		
85%	100%	102%	<3% of capacity per month	1150A(5S)	14.4~14.7V	13.6~13.8V	3.5mΩ	ABS

Construction

T11 Terminal

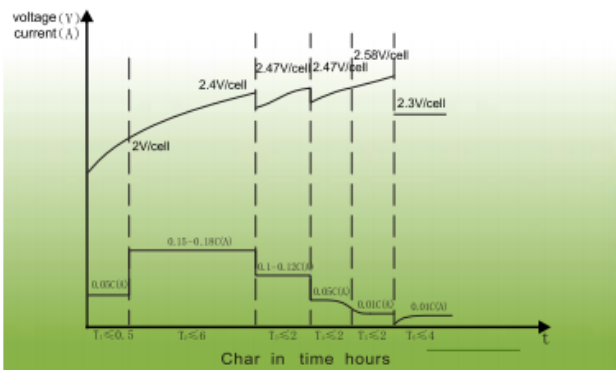
Unit: mm



Features & Benefits

- ◆ Maintenance-free sealed construction, spill proof-safe and reliable
- ◆ Special Lead-Calcium grid design provides better corrosion resistance, deep discharge performance & longer life
- ◆ Strength-enhanced containers and lids are made of ABS to keep tight assembly of batteries
- ◆ High porosity AGM separator-high oxygen recombination rate to ensure minimum gassing
- ◆ Private valve regulated seal construction, safe and reliable
- ◆ Brass insert terminals-superior conductivity and high rate discharge performance
- ◆ Low internal resistance-high charge acceptance and quick recharge
- ◆ Low self discharge-longer shelf life than conventional batteries

Constant current charging characteristics (0.15CA, 25°C, 77°F)



Cycle Life in relation to depth of discharge

