



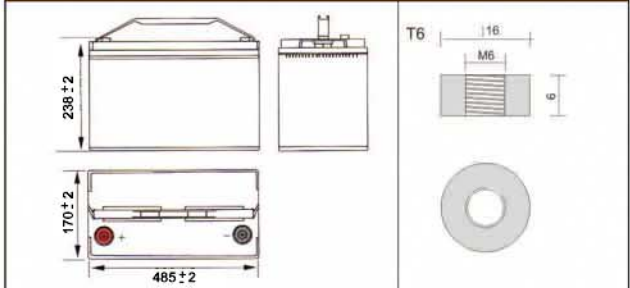
valve regulated  
sealed lead acid type  
rechargeable battery

**sunbattery**

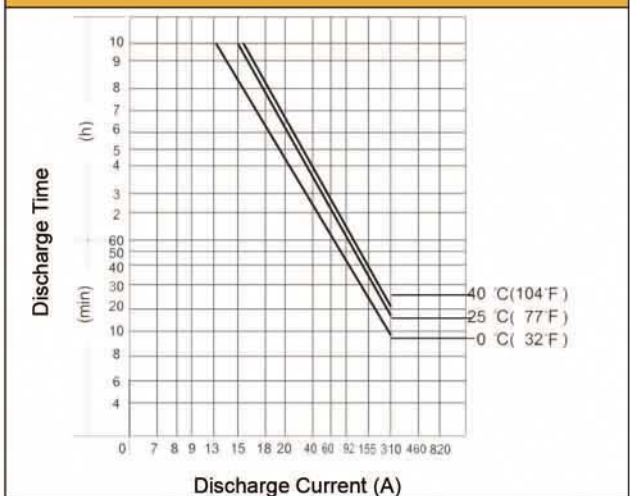
# SB 12-150 (12V 150Ah)



## Dimension (mm)



## Discharging Current & Discharge Duration Time



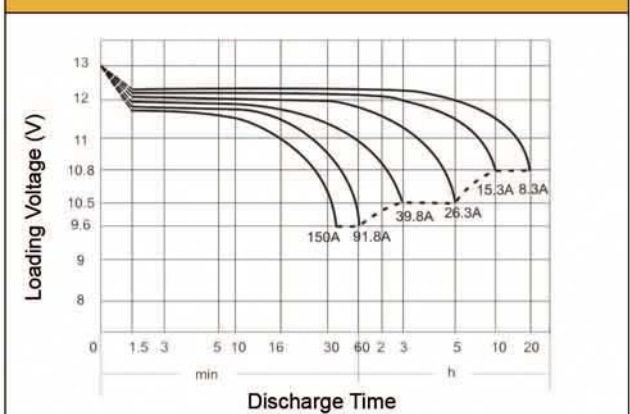
## Physical Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		150Ah
Dimension	Length	485 ± 2mm (21.57 inches)
	Width	170 ± 2mm (4.33 inches)
	Container Height	238 ± 2mm (11.26 inches)
	Total Height (with Cover)	238 ± 2mm (11.26 inches)
Weight		Approx 52kg (114.6lbs)
Standard Terminal		Threaded Insert 6mm STUD

## Electrical Specification

Rated Capacity	20 hour rate (8.3A)	166AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 45A. Voltage 14.4 V- 15.0 V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (15.3A)	153AH			
	5 hour rate (26.3A)	131.5AH			
	3 hour rate (39.8A)	119.4AH			
Capacity affected by Temperature	40°C (104°F)	103%	Standby	No limit on Initial Charging Current Voltage 13.5 V~13.8 V at 25°C (77°F) Temp. Coefficient -20mV/°C	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

## Discharge Characteristics (25° C, 77°F)



## Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)

Amp Watt/Cell	Time(Minute)	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
	Final Voltage	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
A / Batt		382.5	290.7	229.5	176.0	122.4	91.8	53.6	39.8	30.6	26.3	23.3	18.2	15.3	8.3
W / Cell		719.1	550.80	449.8	332.0	243.3	181.8	106.5	79.3	61.0	52.5	46.5	36.4	30.6	16.6