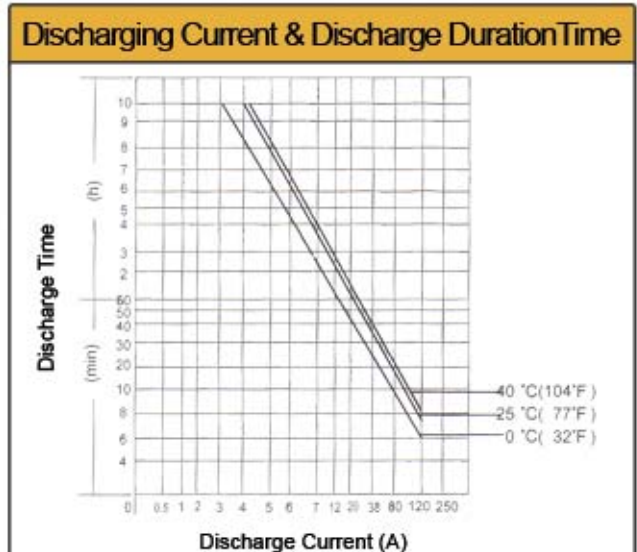
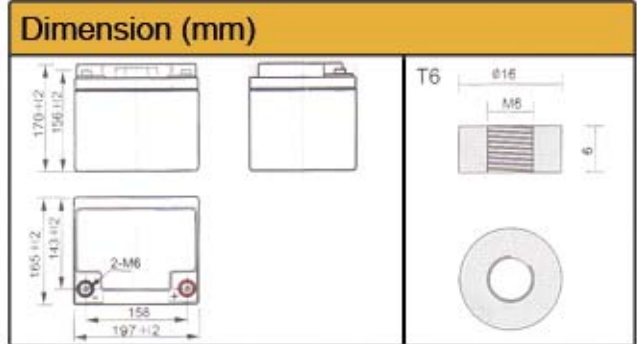




valve regulated
sealed lead acid type
rechargeable battery

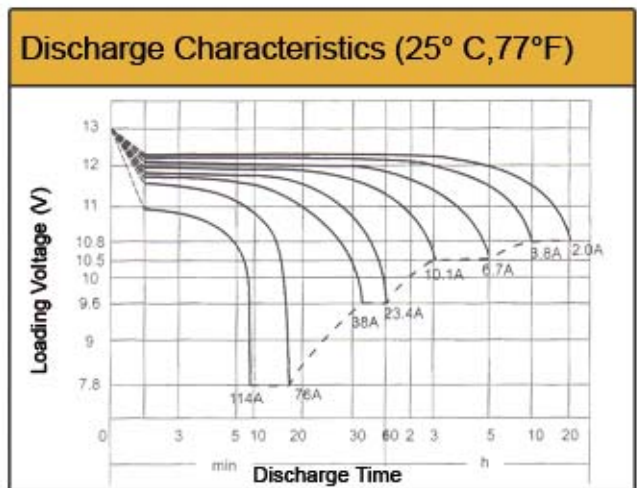
sunbattery

SB 12-38.0 (12V .38AH)



Physical Specification		
Nominal Voltage		12V
Nominal Capacity (10HR)		38AH
Dimension	Length	197 ± 2mm (7.76 inches)
	Width	165 ± 2mm (6.50 inches)
	Container Height	170 ± 2mm (6.69 inches)
	Total Height (with Cover)	170 ± 2mm (6.69 inches)
Weight		Approx 13.8kg (30.5lbs)
Standart Terminal		Threaded Insert 6mm STUD

Electrical Specification					
Rated Capacity	20 hour rate (2.0A)	40.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 12A. Voltage 14.4 V- 15.0 V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (3.8A)	38.0AH			
	5 hour rate (6.7A)	33.5AH			
	3 hour rate (10.1A)	30.3AH			
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)	88%			



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

Time(Minute)	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
Amp	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
Watt/Cell	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	97.50	74.1	58.5	44.9	31.2	23.4	13.7	10.1	7.8	6.7	5.9	4.6	3.8	2.0
W / Cell	183.3	140.4	114.7	84.6	62.0	46.3	27.1	20.2	15.6	13.4	11.9	9.3	7.6	4.0