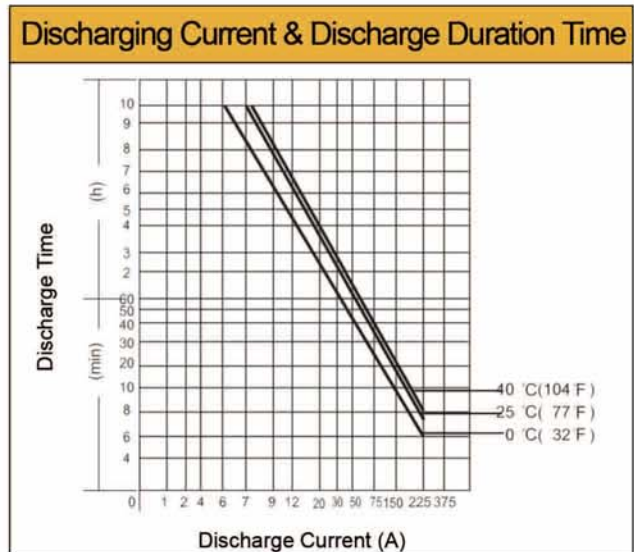
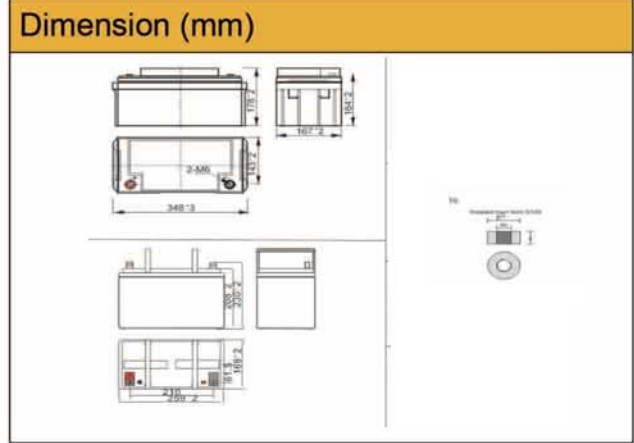




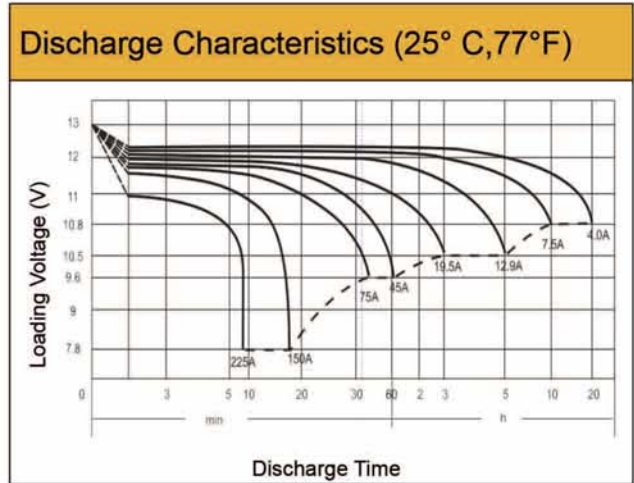
valve regulated
sealed lead acid type
rechargeable battery

sunbattery®

SB 12-80 (L) (12V 80AH)



Physical Specification		
Nominal Voltage	12V	
Nominal Capacity (10HR)	80 AH (L)	
Dimension	Length	348 ± 3mm (13.70 inches)
	Width	167 ± 2mm (6.57 inches)
	Container Height	178 ± 2mm (7.01 inches)
	Total Height (with Cover)	178 ± 2mm (7.01 inches)
Weight		Approx 25kg (55.2lbs)
Standart Terminal		T6



Electrical Specification			
Rated Capacity	20 hour rate (4.0A)	80AH	Cycle Initial Charging Current less than 22.5A. Voltage 14.4 V- 15.0 V at 25°C (77°F) Temp. Corfficient -30mV/°C
	10 hour rate (7.50A)	75AH	
	5 hour rate (12.9A)	64.5AH	
	3 hour rate (10.5A)	58.5AH	
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. Corfficient -20mV/°C
	25°C (77°F)	100%	
	0°C (32°F)	86%	

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 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	187.5	142.5	112.5	86.3	60.0	45.0	26.3	19.5	15.0	12.9	11.4	8.9	7.5	4.0
W / Cell	352.5	270.0	220.5	162.8	119.3	89.1	52.2	38.9	29.9	25.7	22.8	17.9	15.0	8.0