

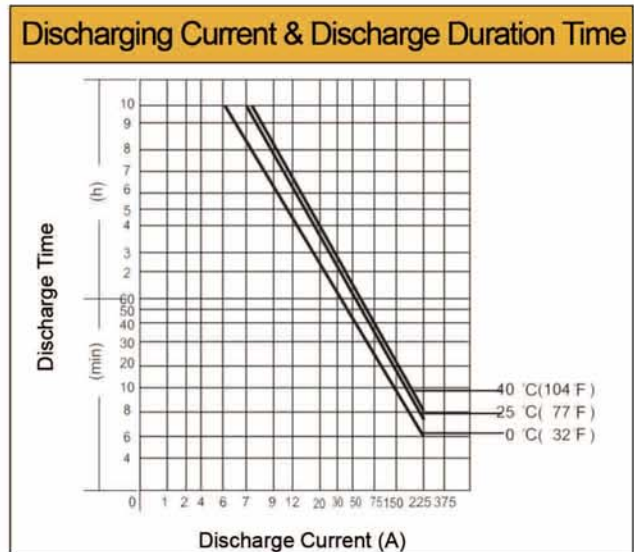
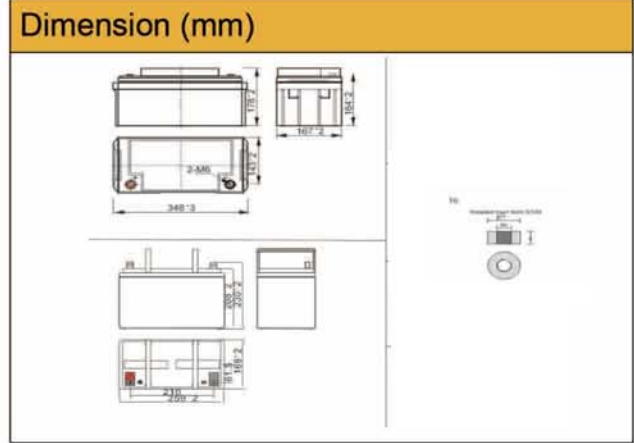


valve regulated
sealed lead acid type
rechargeable battery

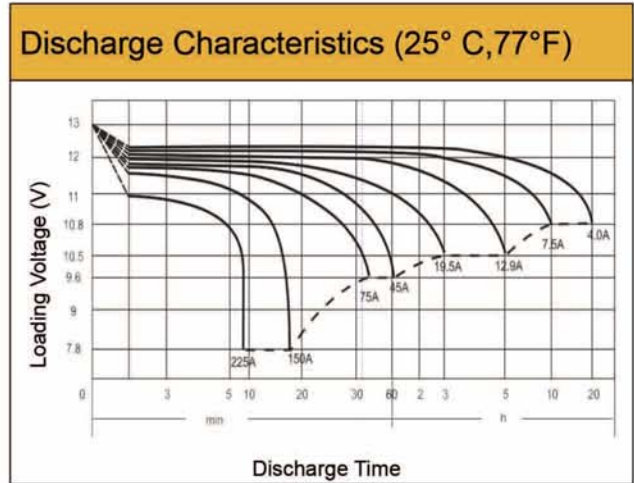
sunbattery

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

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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	Constant-Voltage Charge	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)

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		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