



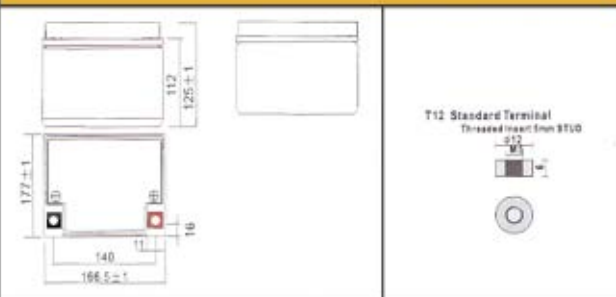
valve regulated
sealed lead acid type
rechargeable battery

⊕⊖ sunbattery®

SB 12-24.0 (12V. 24.0AH)



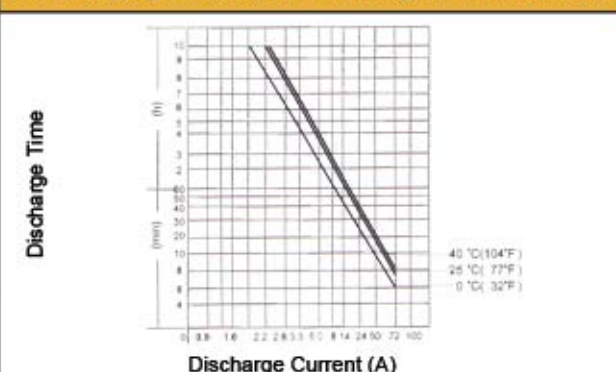
Dimension (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		26AH
Dimension	Length	177 ± 1mm (6.97 Inches)
	Width	166.5 ± 1mm (6.56 Inches)
	Container Height	125 ± 1mm (4.92 Inches)
	Total Height (with Terminal)	125 ± 1mm (4.92 Inches)
Weight		Approx 8.2kg (18.09lbs)
Standart Terminal		T1/T2 (standard)

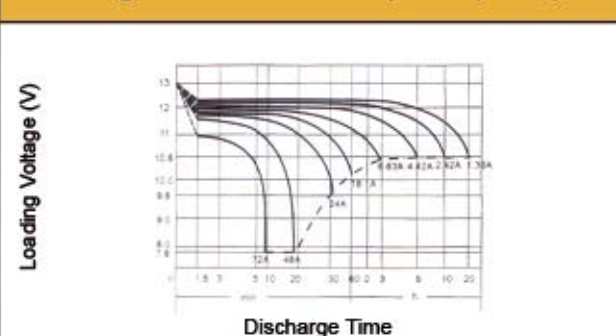
Discharging Current & Discharge Duration Time



Electrical Specification

Rated Capacity	20 hour rate (1.3A)	26AH	Constant Voltage Charge	Cycle	Initial Charging Current less than 7.2A. Voltage 14.4 V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (2.4A)	24AH			
	5 hour rate (4.42A)	21.6AH			
	1 hour rate (16.1A)	16.1AH			
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%			

Discharge Characteristics (25° C, 77°F)



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

Amp Watt/Cell	Time(Minute) Final Voltage	5	10	15	20	30	45	60	120	180	300	600	1200
		1.3	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.8
A / Batt		104.00	74.10	50.96	41.60	29.00	20.80	16.10	9.10	6.63	4.42	2.42	1.30
W / Cell		186.16	139.36	96.98	81.38	58.76	41.34	31.98	18.10	13.18	8.84	4.84	2.61