



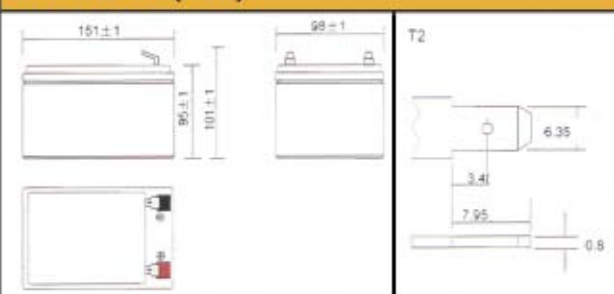
valve regulated
sealed lead acid type
rechargeable battery

sunbattery®

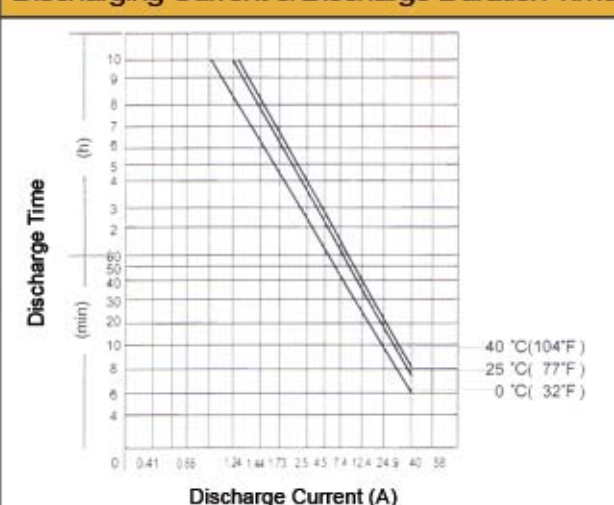
SB 12-12.0 (12V. 12.0AH)



Dimension (mm)



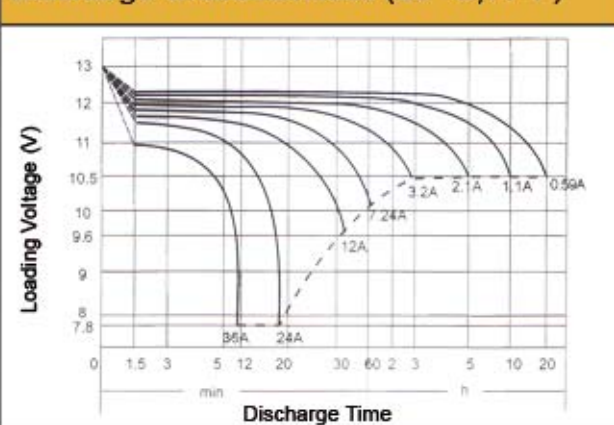
Discharging Current & Discharge Duration Time



Physical Specification		
Nominal Voltage Nominal Capacity (20HR)		12V 12AH
Dimension	Length	151 ± 1mm (5.95 inches)
	Width	98 ± 1mm (3.86 inches)
	Container Height	95 ± 1mm (3.74 inches)
	Total Height (with Terminal)	101 ± 1mm (3.98 inches)
Weight		Approx 3.85kg (8.49lbs)
Standart Terminal		T2 (standard)

Electrical Specification					
Rated Capacity	20 hour rate (0.60 A)	12AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 3.6A. Voltage 14.4 V-15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (1.1A)	11.1AH			
	5 hour rate (2.07 A)	10.7AH			
	1 hour rate (7.24 A)	7.24AH			
Capacity affected by Temperature	15 minute rate (22.3A)	5.6AH	Standby	No limit on Initial Charging Current Voltage 13.5 V~13.8 V at 25°C (77°F) Temp. Coefficient -20mV/°C	
	40°C (104°F)	103%			
	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 1.3	10 1.3	15 1.3	20 1.3	30 1.6	45 1.6	60 1.67	120 1.7	180 1.75	300 1.75	600 1.75	1200 1.8
	A / Batt	54.59	33.42	22.28	19.16	13.93	10.03	7.24	4.34	3.18	2.07	1.11	0.59
W / Cell		92.47	63.62	43.23	37.66	27.52	19.94	14.37	8.69	6.24	4.12	2.23	1.19