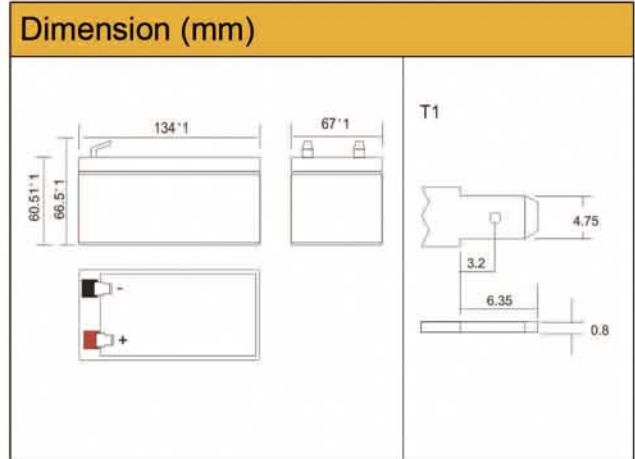




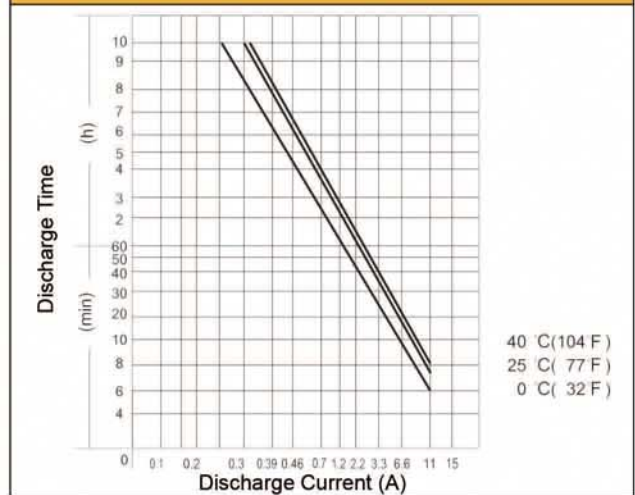
valve regulated
sealed lead acid type
rechargeable battery

sunbattery

SB 12-3.5 (12V 3.5AH)



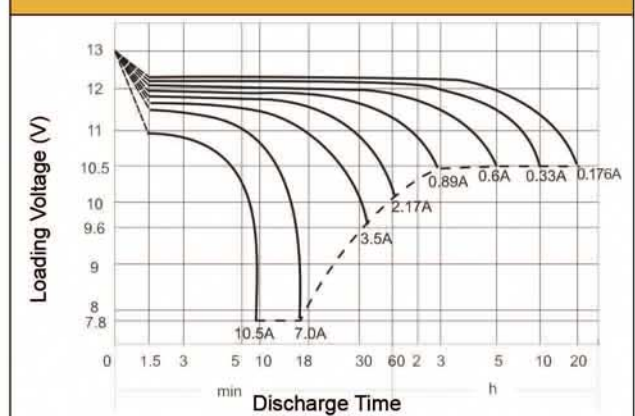
Discharging Current & Discharge Duration Time



Physical Specification		
Nominal Voltage		12V
Nominal Capacity (20HR)		3.5AH
Dimension	Length	134 ± 1mm (5.28 inches)
	Width	67 ± 1mm (2.64 inches)
	Container Height	60.5 ± 1mm (2.38 inches)
	Total Height (with Terminal)	66.5 ± 1mm (2.62 inches)
Weight		Approx 1.32kg (2.91lbs)
Standart Terminal		T1 (standard)

Electrical Specification					
Rated Capacity	20 hour rate (176mA)	3.5AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 1.0A. Voltage 14.4V- 15.0 V at 25°C (77°F) Temp. Corfficient -30mV/°C
	10 hour rate (330mA)	3.3AH			
	5 hour rate (600mA)	3.0AH			
	1 hour rate (2.17A)	2.17AH			
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%			

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		14.00	9.98	6.98	5.60	4.03	2.80	2.17	1.23	0.89	0.60	0.33	0.176
W / Cell		25.06	18.76	13.06	10.96	7.91	5.57	4.31	2.44	1.77	1.19	0.65	0.253