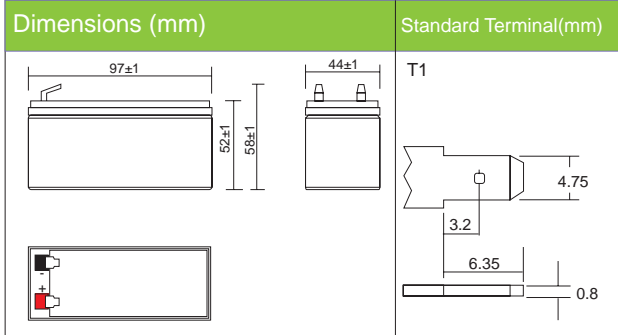
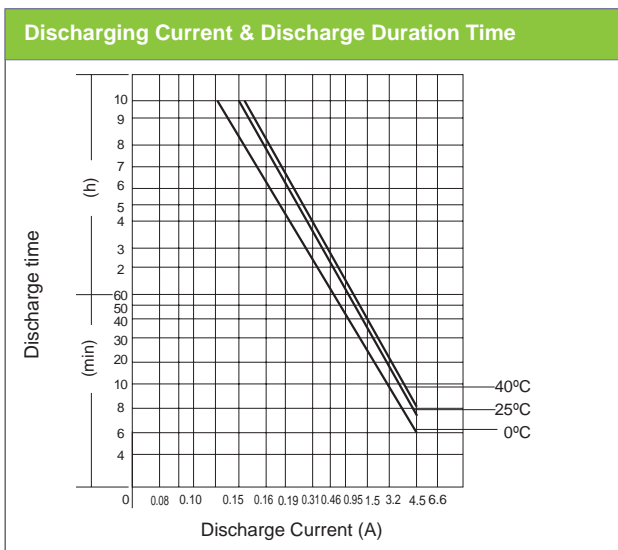


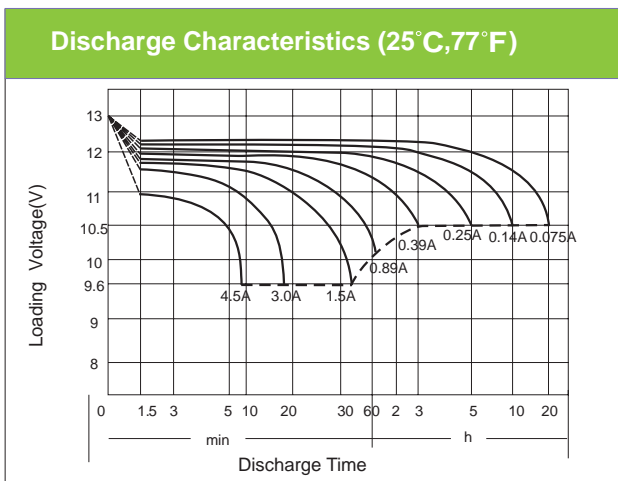
BD12-1.5 (12V1.5Ah)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20h)		1.5Ah
Dimension	Length	97±1mm (3.82 inches)
	Width	43±1mm (1.69 inches)
	Container Height	52±1mm (2.04 inches)
	Total Height (with Terminal)	58±1mm (2.28 inches)
Weight		Approx 0.7kg (1.54lbs)
Standard Terminal		T1 (standard)



ELECTRICAL SPECIFICATION			
Rated Capacity	20 hour rate (75 mA)	1.5Ah	Cycle Initial Charging Current less than 0.45A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (138mA)	1.38Ah	
	5 hour rate (253mA)	1.27Ah	
	1 hour rate (888mA)	0.88Ah	
Capacity affected by Temperature	15minute rate (2.3 A)	0.57Ah	Standby No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	40°C (104°F)	103%	
	25°C (77°F)	100%	
Internal Resistance	0°C (32°F)	86%	
	Fully charged battery (25°C, 77°F) 80mΩ		



Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table											Discharge Time (Minute) to final voltage /cell			
Time	0.5	1	2	3	6	10	20	30	60	120	180	300	600	
1.75V A	9.2	8.4	7.5	6.1	5.6	3.9	2.1	1.6	0.85	0.51	0.39	0.25	0.14	
25°C W	14.6	12.6	11.3	9.0	7.5	6.3	4.0	2.2	1.62	1.0	0.78	0.51	0.28	
1.70V A	12.5	11.2	10.0	8.0	6.1	4.2	2.3	1.6	0.89	0.54	0.41	0.26	0.15	
25°C W	20.1	17.1	15.3	12.5	8.9	6.4	4.5	2.8	1.73	1.05	0.83	0.52	0.29	
1.60V A	16.2	14.2	12.5	9.8	7.0	4.5	2.5	1.7	0.96	0.55	0.43	0.28	0.15	
25°C W	23.4	20.2	17.8	14.0	9.9	7.5	5.0	2.9	1.73	1.08	0.85	0.53	0.29	
1.75V A	8.1	7.3	6.7	5.3	4.0	3.2	2.0	1.2	0.80	0.46	0.36	0.23	0.13	
5°C W	12.9	11.4	10.6	8.4	6.5	5.5	3.6	2.1	1.40	0.85	0.67	0.45	0.24	
1.70V A	11.2	10.1	9.1	7.3	5.3	4.0	2.1	1.5	0.84	0.48	0.38	0.24	0.13	
5°C W	17.2	15.0	13.7	11.1	8.3	6.1	4.0	2.2	1.52	0.93	0.74	0.47	0.25	
1.60V A	13.9	12.5	10.5	8.3	5.8	4.3	2.2	1.5	0.88	0.50	0.39	0.25	0.14	
5°C W	21.5	18.6	16.5	13.4	9.7	6.4	4.5	2.4	1.65	0.96	0.75	0.48	0.26	