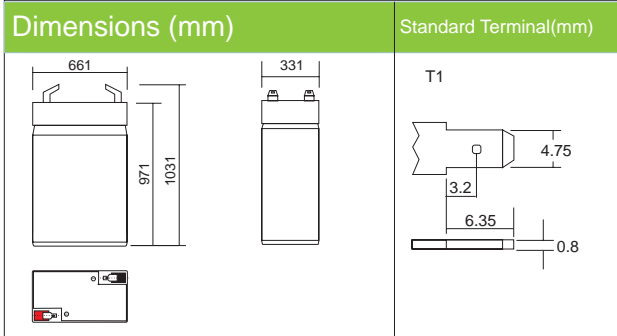
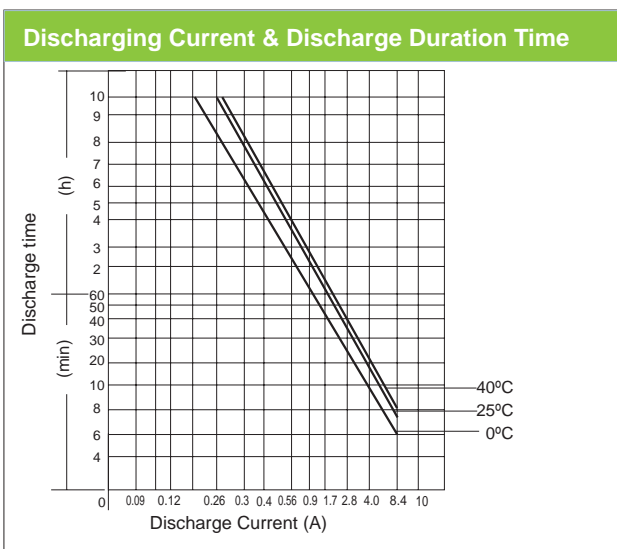


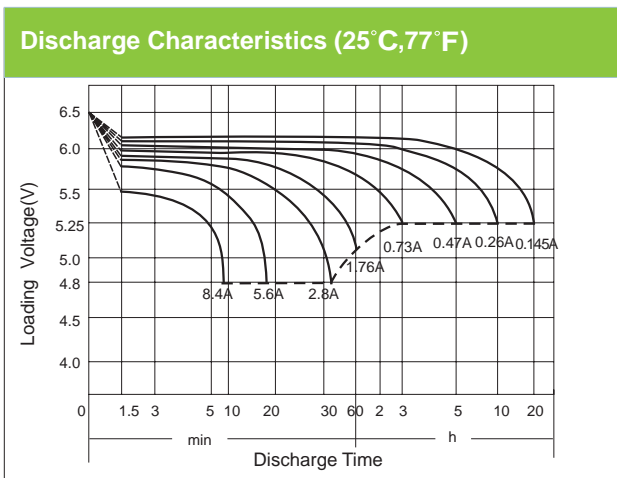
BD6-2.8 (6V2.8Ah)



PHYSICAL SPECIFICATION		
Nominal Voltage		6V
Nominal Capacity (20h)		2.8Ah
Dimension	Length	66±1mm (2.60 inches)
	Width	33±1mm (1.30 inches)
	Container Height	97±1mm (3.82 inches)
	Total Height (with Terminal)	103±1mm (4.06 inches)
Weight		Approx 0.59kg (1.30lbs)
Standard Terminal		T1 (standard)



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (145mA)	2.9Ah	Constant-Voltage Charge	Cycle	Initial Charging Current less than 0.84A. Voltage 7.20V- 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (260mA)	2.6Ah			
	5 hour rate (470mA)	2.35Ah			
	1 hour rate (1.76A)	1.76Ah			
Capacity affected by Temperature	15minute rate (4.40A)	1.10Ah	Standby Charge	Standby	No limit on Initial Charging Current Voltage 6.75V-6.90V at 25°C(77°F) Temp. Coefficient - 10mV/°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) 24mΩ		



Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table											Discharge Time (Minute) to final voltage /cell			
Final voltage	Time	0.5	1	2	3	6	10	20	30	60	120	180	300	600
1.75V	A	17.6	16.2	14.7	11.8	10.3	8.1	4.2	2.9	1.7	1.0	0.73	0.47	0.26
25°C	W	27.9	23.9	21.8	17.4	15.4	13.0	7.9	4.2	3.2	1.9	1.3	0.97	0.55
1.70V	A	23.8	21.3	19.4	15.4	11.7	8.3	5.4	3.2	1.8	1.1	0.75	0.50	0.29
25°C	W	38.2	32.8	29.6	24.0	17.6	13.0	8.8	5.4	3.5	2.0	1.4	1.00	0.55
1.60V	A	30.9	27.2	24.0	18.9	13.9	8.8	6.1	3.4	1.9	1.1	0.78	0.55	0.32
25°C	W	44.5	38.4	34.3	26.9	19.8	14.9	9.5	5.6	3.7	2.1	1.5	1.05	0.59
1.75V	A	15.4	13.9	13.0	10.3	7.8	6.4	4.1	2.8	1.6	0.9	0.7	0.46	0.25
5°C	W	24.5	22.1	20.6	16.2	13.0	10.9	6.8	4.0	2.6	1.6	1.3	0.84	0.46
1.70V	A	21.3	19.6	17.6	13.9	10.4	7.8	4.7	2.9	1.6	0.9	0.7	0.48	0.25
5°C	W	32.8	28.9	26.5	21.3	16.5	12.1	7.9	4.8	3.0	1.8	1.3	0.88	0.50
1.60V	A	26.5	23.5	20.3	15.9	11.5	8.6	5.1	3.0	1.7	1.0	0.73	0.5	0.27
5°C	W	40.9	35.7	31.8	25.7	19.2	12.7	8.6	5.1	3.1	1.8	1.4	0.9	0.50