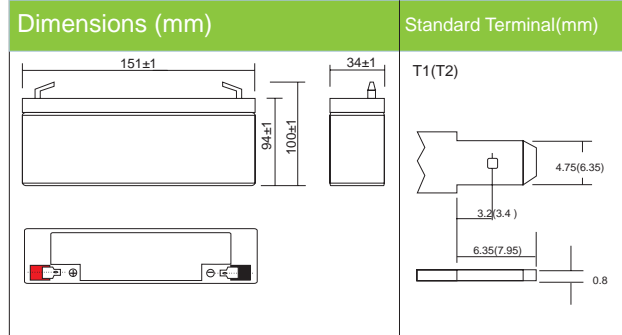
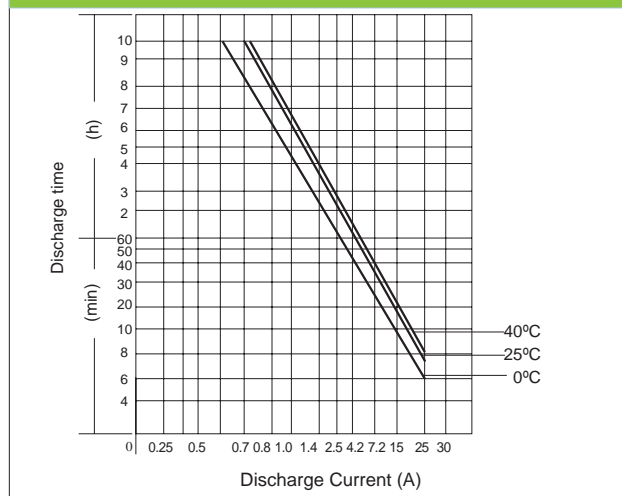


BD6-7.2HD (6V7.2Ah)



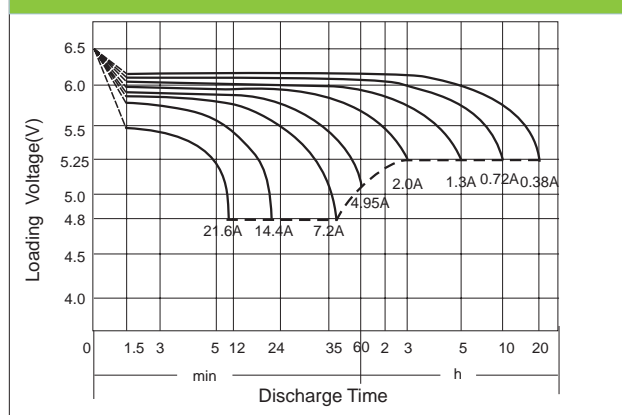
Discharging Current & Discharge Duration Time



PHYSICAL SPECIFICATION

Nominal Voltage		6V
Nominal Capacity (20h)		7.2Ah(HD)
Dimension	Length	151±1mm (5.95 inches)
	Width	34±1mm (1.34 inches)
	Container Height	94±1mm (3.70 inches)
	Total Height (with Terminal)	100±1mm (3.94 inches)
Weight		Approx 1.28kg (2.82lbs)
Standard Terminal		T1 or T2 (standard)

Discharge Characteristics (25°C, 77°F)



ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (380mA)	7.6Ah	Constant Voltage	Cycle	Initial Charging Current less than 2.16A. Voltage 7.20V~7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (720mA)	7.2Ah			
	5 hour rate (1.26 A)	6.3Ah			
	1 hour rate (4.95 A)	4.95Ah			
Capacity affected by Temperature	15minute rate (12 A)	3Ah	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) 12mΩ				

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	48.3	44.3	40.3	32.2	28.2	22.2	11.3	8.1	4.8	2.7	2.0	1.26	0.72
25°C	W	76.5	65.7	59.7	47.7	42.3	35.6	20.5	11.4	8.8	5.3	4.1	2.7	1.50
1.70V	A	65.1	58.4	53.1	42.3	32.4	23.0	12.6	8.8	5.0	2.9	2.2	1.4	0.81
25°C	W	104.7	89.9	81.2	65.7	48.9	36.7	23.1	14.8	9.5	5.5	4.3	2.8	1.50
1.60V	A	84.6	74.5	65.7	51.7	38.5	24.4	14.7	9.4	5.1	3.0	2.3	1.5	0.86
25°C	W	122	105.4	93.9	73.8	54.7	41.4	26.2	15.5	10.2	5.7	4.5	2.9	1.60
1.75V	A	42.3	38.3	35.6	28.2	21.6	17.6	11.0	7.7	4.2	2.4	1.8	1.21	0.67
5°C	W	67.1	60.4	56.4	44.3	36.0	30.2	18.8	11.1	7.2	4.5	3.6	2.3	1.26
1.70V	A	58.4	53.6	48.3	38.3	28.8	21.6	11.8	8.0	4.5	2.5	1.9	1.26	0.71
5°C	W	89.9	79.2	72.5	58.4	45.7	33.5	21.5	13.3	8.2	4.9	3.7	2.4	1.37
1.60V	A	72.5	64.4	55.8	43.7	32.0	23.7	14.0	8.2	4.6	2.7	2.1	1.4	0.74
5°C	W	112.1	97.9	87.2	70.5	53.2	35.2	23.5	14.0	8.4	5.1	3.9	2.5	1.44