

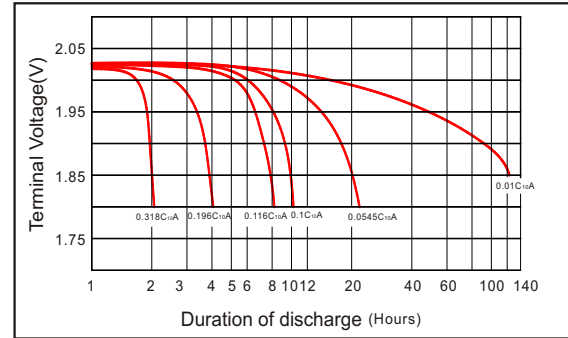
**Specifications**

Nominal Voltage		2V
Rated Capacity(10 hourrate)		200Ah (25°C)
Total Height(with terminals)		145mm (5.71 inches)
Dimension	Height	206mm (8.11 inches)
	Length	355mm (13.98 inches)
	Width	431mm (16.97 inches)
Weight		Approx.23Kg (50.71lbs)

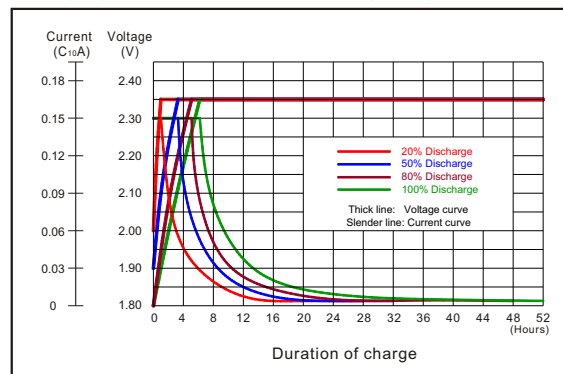
**Characteristics**

Capacity (25°C)	20Hr	218Ah
	10Hr	200Ah
	5Hr	168Ah
	1Hr	110Ah
Internal Resistance(Full charged)		0.32m Ω (25°C)
Capacity affected by temperature	40°C	109%
	25°C	100%
	0°C	88%
	-15°C	76%
Self-Discharge (25°C)	Capacity after 3 month storage	92%
	Charging(25°C)	
	Cycle	2.35V,30A or small
	Float	2.23V,30A or small
Temperature compensation coefficient		-0.003V / °C

**Discharging Characteristics Curves (25°C)**



**Charging Characteristics Curves (25°C)**



**Constant Current Discharge Characteristics Unit: A (25°C, 77°F)**

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	63.6	48.0	39.2	33.2	28.8	23.2	20.0	17.2	10.9	2.40	2.03
1.83V	62.0	46.8	38.0	32.4	28.4	22.8	19.2	16.5	10.7	2.36	1.98
1.85V	60.2	45.6	37.2	31.8	27.8	22.2	18.8	16.1	10.5	2.32	1.96
1.87V	58.4	44.4	36.4	31.2	27.2	21.6	18.4	15.7	10.3	2.28	1.93
1.90V	54.8	42.0	34.4	30.0	26.0	20.4	17.6	15.3	10.0	2.20	1.87

**Constant Power Discharge Characteristics Unit: W/cell (25°C, 77°F)**

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	123	92.1	75.7	64.8	56.0	45.2	39.0	33.6	21.3	4.8	4.0
1.83V	117	89.1	73.3	63.1	54.7	43.4	37.4	32.2	20.9	4.7	3.9
1.85V	113	86.3	71.7	61.8	53.2	41.6	36.6	31.4	20.5	4.6	3.9
1.87V	108	83.6	70.2	60.6	51.8	39.8	35.9	30.6	20.1	4.5	3.8
1.90V	99	78.4	66.2	58.1	49.0	36.6	34.3	29.8	19.5	4.4	3.7

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Coslight for the last information.