

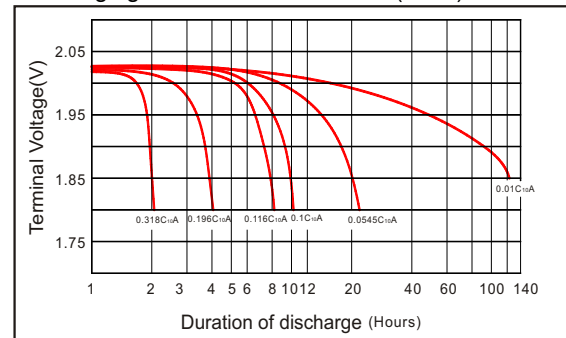
**Specifications**

Nominal Voltage		2V
Rated Capacity(10 hourrate)		600Ah (25°C)
Total Height(with terminals)		145mm (5.71 inches)
Dimension	Height	206mm (8.11 inches)
	Length	646mm (25.43 inches)
	Width	722mm (28.43 inches)
Weight		Approx.45Kg (99.21lbs)

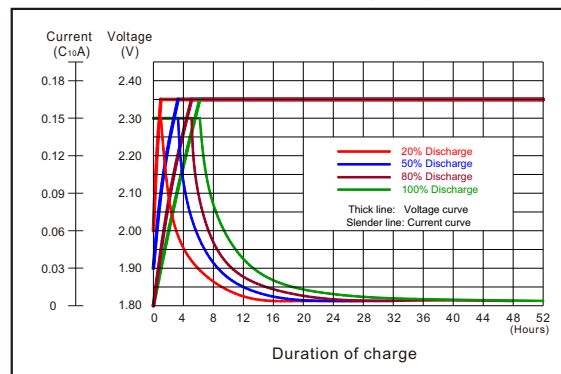
**Characteristics**

Capacity (25°C)	20Hr	654Ah
	10Hr	600Ah
	5Hr	504Ah
	1Hr	330Ah
Internal Resistance(Full charged)		0.23m 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,90A or small
	Float	2.23V,90A 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	199	150	122	104	90	72	60	51.5	32.7	7.2	6.1
1.83V	192	146	120	101	88	70	58	49.5	32.1	7.1	6
1.85V	184	141	117	99	86	68	57	48.2	31.5	7	5.9
1.87V	177	137	114	97	85	67	56	47	30.9	6.8	5.8
1.90V	165	129	108	92	80	64	53	46	30	6.6	5.6

**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	385	288	236	203	175	140	117	100	63.6	14.3	12.1
1.83V	364	278	232	197	169	134	113	97	62.4	14	11.8
1.85V	345	268	226	193	165	128	111	94	61.8	13.8	11.7
1.87V	326	257	220	188	161	124	109	92	60.6	13.6	11.5
1.90V	298	241	208	179	151	115	104	89	58.6	13.1	11.1

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.