

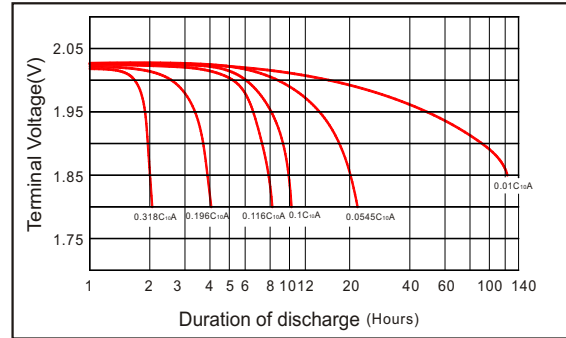
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		600Ah(25 °C)
Total Height(with terminals)		688mm (27.09 inches)
Dimension	Height	647mm (25.47 inches)
	Lenght	191mm (7.52 inches)
	Width	210mm (8.27 inches)
Weight		Approx.50Kg (110.23lbs)

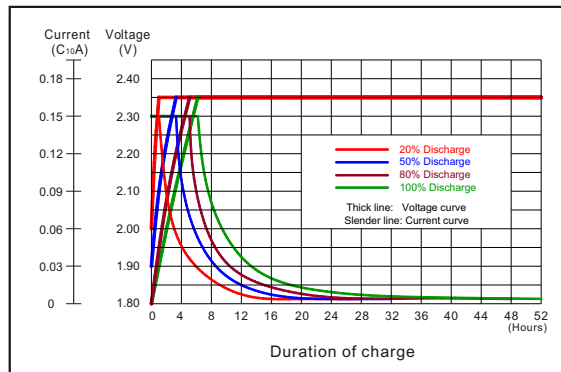
Characteristics

Capacity (25 °C)	20Hr	654Ah
	10Hr	600Ah
	5Hr	504Ah
	1Hr	330Ah
Internal Resistance(Full charged)		0.29 mΩ (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,90Aor small
	Float	2.23V,90Aor small
Temperature compensation coefficient		-0.003V / °C

Discharging Characteristics Curves (25 °C)



Charging Characteristics Curves (25 °C)



Constant current discharge (Ampere @25°C)

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	199.2	150.0	122.4	104	90.0	72.0	60.0	51.5	32.7	7.20	6.10
1.83V	192.0	145.8	120.0	101	87.6	70.2	58.2	49.5	32.1	7.08	5.95
1.85V	184.5	141.3	117.0	99.3	86.1	68.7	57.0	48.2	31.5	6.96	5.87
1.87V	177.0	136.8	114.0	97.2	84.6	67.2	55.8	47.0	30.9	6.84	5.80
1.90V	165.0	129.0	108.0	92.4	79.8	64.2	53.4	46.0	30.0	6.60	5.60

Constant power discharge (Watt/cell @25 °C)

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	63.9	14.3	12.1
1.83V	364	278	232	197	169	134	113	96.6	62.7	14.0	11.8
1.85V	345	267	226	193	165	129	111	94.1	61.5	13.8	11.7
1.87V	326	258	220	189	161	124	109	91.6	60.3	13.6	11.5
1.90V	298	241	208	179	150	115	104	89.6	58.5	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.