

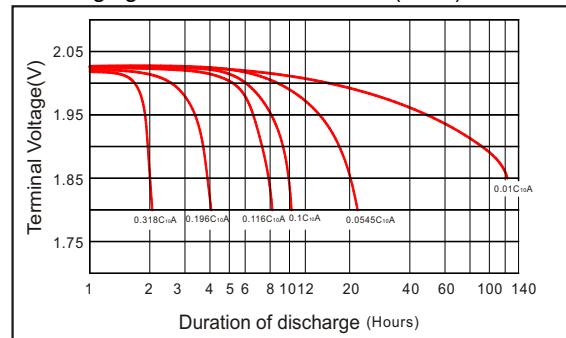
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		3000Ah (25 °C)
Total Height(with terminals)		576mm (22.68 inches)
Dimension	Height	212mm (8.35 inches)
	Length	772mm (30.39 inches)
	Width	847mm (33.35 inches)
Weight		Approx.198Kg (436.51lbs)

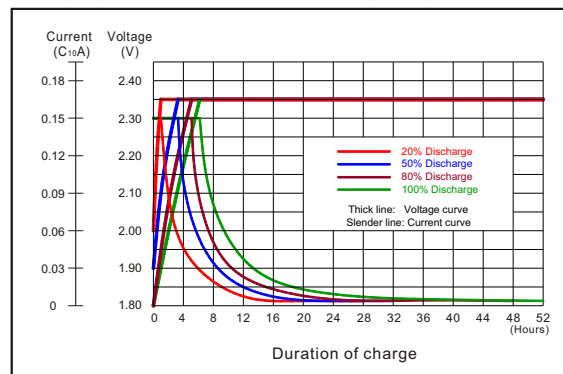
Characteristics

Capacity (25 °C)	20Hr	2725Ah
	10Hr	2500Ah
	5Hr	2100Ah
	1Hr	1375Ah
Internal Resistance(Full charged)		0.05m 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,375A or small
	Float	2.23V,375A 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	836	625	511	439	382	307	250	215	136	30	25
1.83V	807	607	500	429	375	304	248	207	134	30	25
1.85V	782	591	486	416	364	296	242	201	132	29	25
1.87V	757	575	471	404	354	289	237	196	129	29	24
1.90V	696	539	446	379	339	279	226	192	125	28	23

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	1613	1202	988	857	744	601	488	420	266	60	51
1.83V	1530	1155	964	833	720	578	483	403	261	58	49
1.85V	1464	1119	935	810	696	555	472	392	257	58	49
1.87V	1399	1083	911	786	673	532	462	382	251	57	48
1.90V	1256	1006	857	732	637	499	440	373	244	55	46

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.