

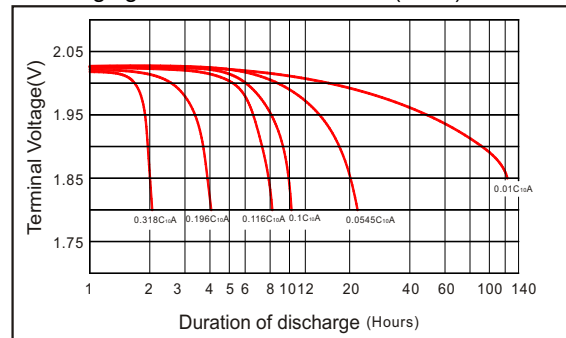
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		1500Ah (25 °C)
Total Height(with terminals)		397mm (15.63 inches)
Dimension	Height	212mm (8.35 inches)
	Length	772mm (30.39 inches)
	Width	847mm (33.35 inches)
Weight		Approx.142Kg (313.05lbs)

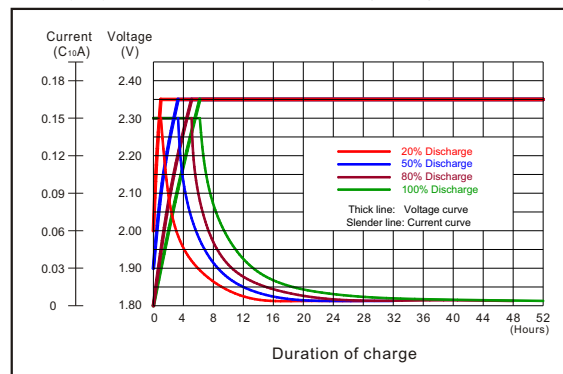
Characteristics

Capacity (25 °C)	20Hr	1635Ah
	10Hr	1500Ah
	5Hr	1260Ah
	1Hr	825Ah
Internal Resistance(Full charged)		0.08m 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,225A or small
	Float	2.23V,225A 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	506	390	313	263	227	179	150	129	81.8	18.0	15.3
1.83V	480	372	300	253	218	172	144	124	80.3	17.7	14.9
1.85V	456	356	287	243	211	167	140	121	78.8	17.4	14.7
1.87V	432	340	277	233	204	163	136	118	77.3	17.1	14.5
1.90V	390	307	248	211	186	154	127	115	75.0	16.5	14.0

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	979	749	605	513	441	349	293	251	160	35.7	30.3
1.83V	909	708	579	493	421	327	281	241	157	35.1	29.6
1.85V	852	674	553	473	404	313	272	235	154	34.5	29.2
1.87V	797	639	527	452	388	300	264	229	151	33.9	28.8
1.90V	704	573	478	409	351	275	248	224	146	32.7	27.8

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.