

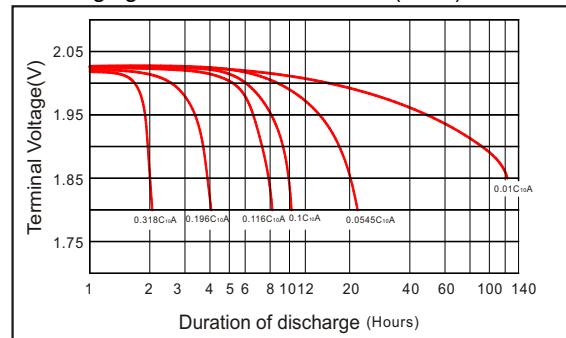
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		2000Ah (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.158Kg (348.32lbs)

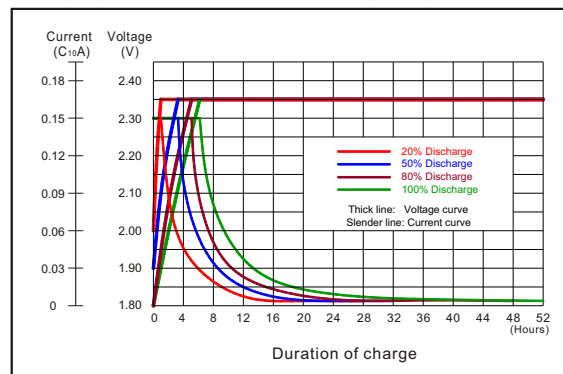
Characteristics

Capacity (25 °C)	20Hr	2180Ah
	10Hr	2000Ah
	5Hr	1680Ah
	1Hr	1100Ah
Internal Resistance(Full charged)		0.06m 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
Float		2.23V,300A 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	675	520	418	350	302	238	200	172	109	24.0	20.3
1.83V	640	496	400	338	291	229	192	165	107	23.6	19.8
1.85V	608	474	382	324	282	223	186	161	105	23.2	19.6
1.87V	576	453	365	310	272	217	181	157	103	22.8	19.3
1.90V	520	410	331	282	248	205	170	153	100	22.0	18.7

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	1305	998	807	684	588	465	390	335	213	47.6	40.4
1.83V	1212	944	772	658	561	435	374	322	209	46.8	39.4
1.85V	1136	898	737	630	539	418	363	314	205	46.0	38.9
1.87V	1062	852	703	603	518	400	352	305	201	45.2	38.4
1.90V	939	765	638	545	467	367	330	299	195	43.6	37.1

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.