

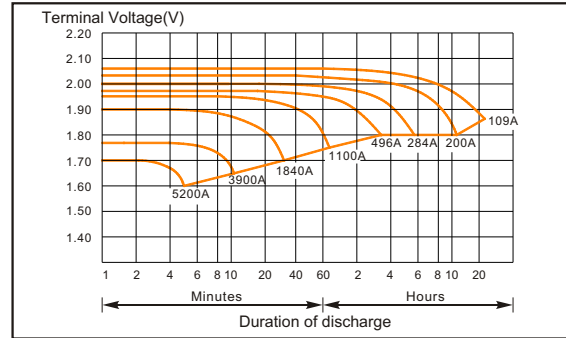
Specifications

Nominal Voltage		2V
Rated Capacity(10 hour rate)		2000Ah(25 °C)
Total Height(with terminals)		813mm (32.01 inches)
Dimension	Height	772mm (30.39 inches)
	Length	212mm (8.35 inches)
	Width	397mm (15.63 inches)
Weight		Approx.160Kg (352.73lbs)

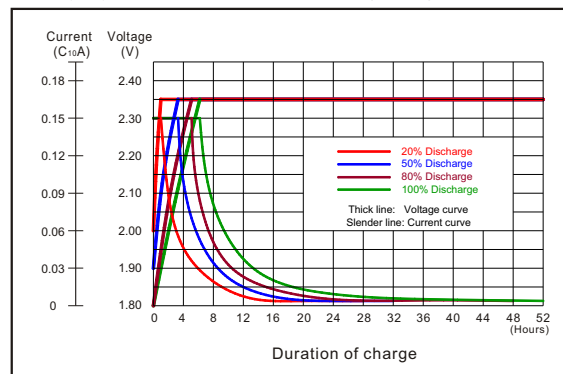
Characteristics

Capacity (25 °C)	20Hr	2180Ah
	10Hr	2000Ah
	5Hr	1680Ah
	1Hr	1100Ah
Internal Resistance(Full charged)		0.09 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,300A or small
	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 (Ampere @25 °C)

Final Voltage (V/cell)	Minute								Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	3720	3200	2100	1696	1420	1223	1080	1000	642	486	392	324	280	234	196	
1.80	4000	3360	2520	1950	1580	1342	1140	1040	652	496	406	336	284	240	200	
1.75	4400	3560	2800	2167	1620	1388	1200	1100	660	508	412	346	290	242	202	
1.70	4760	3760	2920	2336	1840	1463	1260	1140	674	518	414	348	293	244	204	
1.65	5000	3900	3020	2410	1900	1520	1340	1200	692	524	416	350	294	246	204	
1.60	5200	4000	3100	2500	2000	1580	1400	1240	704	528	418	352	296	246	206	

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

Final Voltage (V/cell)	Minute								Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	6480	5760	3780	3000	2540	2280	2080	1880	1200	920	756	630	536	438	382	
1.80	7200	6040	4540	3500	2840	2400	2160	1980	1260	952	772	656	552	468	390	
1.75	7920	6400	5040	3760	2920	2520	2230	2040	1280	966	782	676	574	474	394	
1.70	8580	6760	5260	4000	3060	2640	2290	2080	1300	974	784	680	578	478	396	
1.65	9000	7020	5420	4220	3180	2720	2330	2120	1320	980	786	684	582	480	398	
1.60	9360	7200	5580	4500	3280	2780	2360	2140	1340	988	788	686	586	482	400	

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.