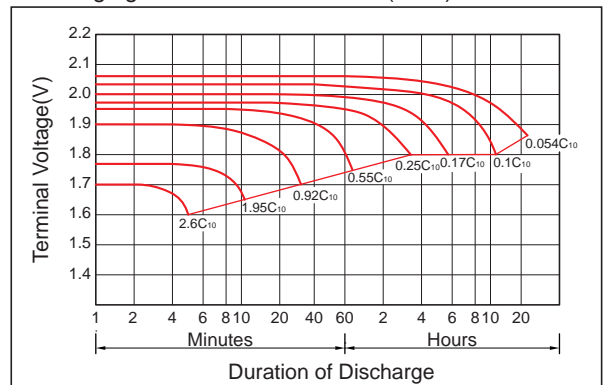


### Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	1300Ah
Total Height(With terminals)	381mm(15.0 inches)
Height	369mm(14.5 inches)
Length	513mm(20.2 inches)
Width	182mm(7.17 inches)
Weight	78 kg (172.0 Lbs)

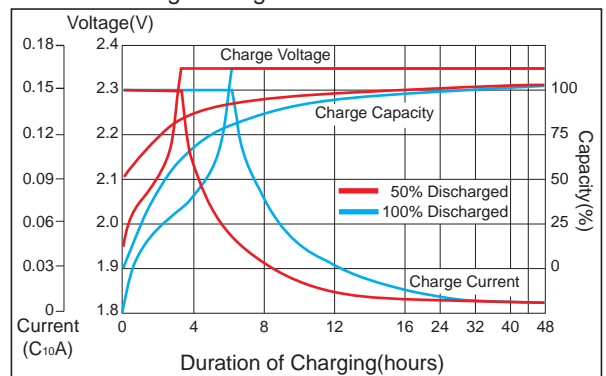
### Discharging Characteristics Curves(25°C)



### Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.12 mΩ
Capacity affected by temperature	40 °C	106%
	25 °C	100%
	0 °C	80%
	-10°C	75%
Self-Discharge per month(25 °C)		≤ 3%
Temperature compensation coefficient		-0.003V/°C
Charging (25°C)	Float	2.23V, 0.15C <sub>10</sub> A or less
	Cycle	2.35V, 0.15C <sub>10</sub> A or less

### Constant Voltage Charge Characteristics



### Constant Current Discharge(Ampere@25 °C)

Final Voltage V/cell	minutes							hours								
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	2418	2080	1365	1102	923	795	702	650	417	316	255	211	182	152	127	
1.80	2600	2184	1638	1268	1027	872	741	676	424	325	264	218	185	156	130	
1.75	2860	2314	1820	1409	1053	902	780	715	429	330	268	225	187	157	131	
1.70	3094	2444	1898	1518	1196	951	819	741	438	337	269	226	190	159	133	
1.65	3250	2535	1963	1567	1235	988	871	780	450	341	270	228	191	160	134	
1.60	3380	2600	2015	1625	1300	1027	910	806	458	343	272	229	192	161	135	

### Constant Power Discharge(Watt/cell@25 °C)

Final Voltage V/cell	minutes							hours								
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	4212	3744	2457	1950	1651	1482	1352	1222	780	598	491	410	348	285	248	
1.80	4680	3926	2951	2249	1807	1560	1404	1287	819	619	502	426	359	304	254	
1.75	5148	4160	3224	2444	1898	1638	1450	1326	832	628	508	439	373	308	256	
1.70	5577	4394	3419	2600	1989	1716	1489	1352	845	633	510	442	376	311	257	
1.65	5850	4563	3523	2756	2067	1768	1515	1378	858	637	511	445	378	312	259	
1.60	6084	4680	3627	2860	2132	1807	1534	1391	871	642	512	446	381	313	260	

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.