

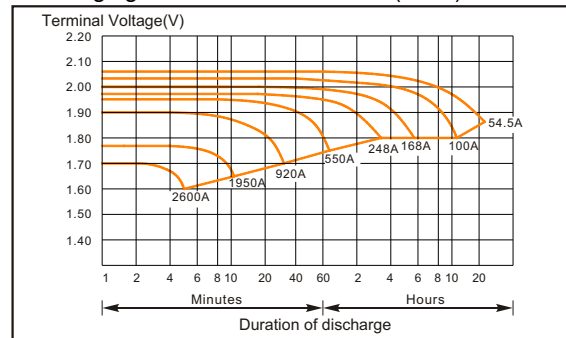
**Specifications**

Nominal Voltage		2V
Rated Capacity(10 hourrate)		1000Ah(25 °C)
Total Height(with terminals)		400mm (15.75 inches)
Dimension	Height	369mm (14.53 inches)
	Length	417mm (16.42 inches)
	Width	179mm (7.05 inches)
Weight		Approx.66Kg (145.50lbs)

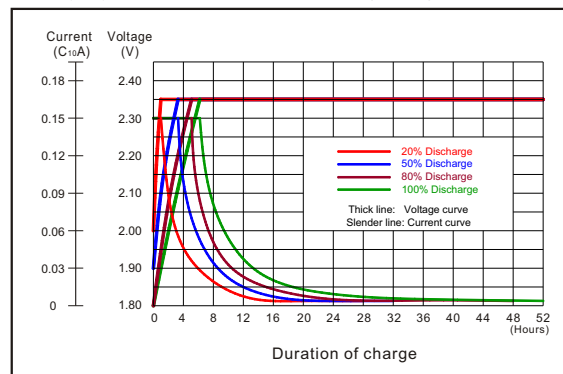
**Characteristics**

Capacity (25 °C)	20Hr	1090Ah
	10Hr	1000Ah
	5Hr	840Ah
	1Hr	550Ah
Internal Resistance(Full charged)		0.15 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, 150A or small
	Float	2.23V, 150A 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	1860	1600	1050	848	710	612	540	500	321	243	196	162	140	112	98
1.80	2000	1680	1260	975	790	671	570	520	326	248	203	168	142	120	100
1.75	2200	1780	1400	1084	810	694	600	550	330	254	206	173	145	121	101
1.70	2380	1880	1460	1168	920	732	630	570	337	259	207	174	147	122	102
1.65	2500	1950	1510	1205	950	760	670	600	346	262	208	175	147	123	102
1.60	2600	2000	1550	1250	1000	790	700	620	352	264	209	176	148	123	103

**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	3240	2880	1890	1500	1270	1140	1040	940	600	460	378	315	268	219	191
1.80	3600	3020	2270	1750	1420	1200	1080	990	630	476	386	328	276	234	195
1.75	3960	3200	2520	1880	1460	1260	1115	1020	640	483	391	338	287	237	197
1.70	4290	3380	2630	2000	1530	1320	1145	1040	650	487	392	340	289	239	198
1.65	4500	3510	2710	2110	1590	1360	1165	1060	660	490	393	342	291	240	199
1.60	4680	3600	2790	2250	1640	1390	1180	1070	670	494	394	343	293	241	200

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.