

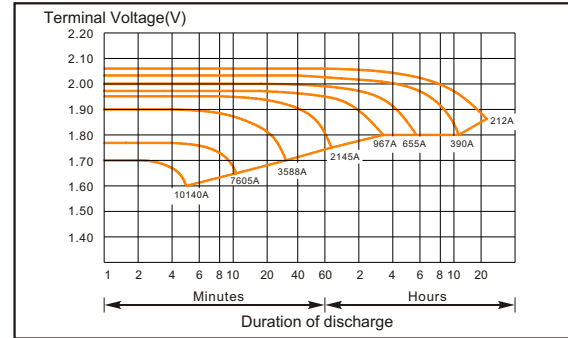
**Specifications**

Nominal Voltage		2V
Rated Capacity(10 hourrate)		3900Ah(25℃)
Total Height(with terminals)		398mm (15.67 inches)
Dimension	Height	371mm (14.61 inches)
	Length	740mm (29.13 inches)
	Width	358mm (14.09 inches)
Weight		Approx.240Kg (529.10lbs)

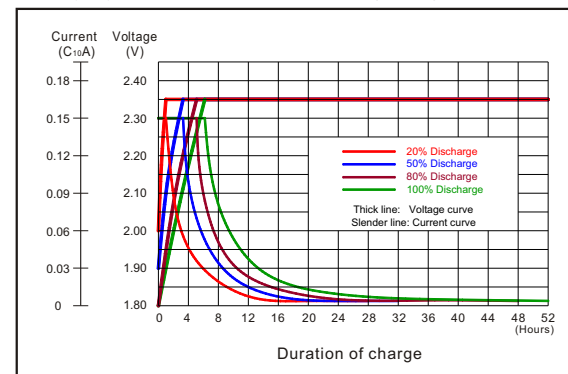
**Characteristics**

Capacity (25℃)	20Hr	4251Ah
	10Hr	3900Ah
	5Hr	3276Ah
	1Hr	2145Ah
Internal Resistance(Full charged)		0.04 mΩ (25℃)
Capacity affected by temperature	40℃	109%
	25℃	100%
	0℃	88%
	-15℃	76%
Self-Discharge (25℃)	Capacity after 3 month storage	92%
Charging(25℃)	Cycle	2.35V,585A or small
	Float	2.23V,585A or small
Temperature compensation coefficient		-0.003V /℃

**Discharging Characteristics Curves (25℃)**



**Charging Characteristics Curves (25℃)**



**Constant current discharge (Ampere @25℃)**

Final Voltage (V/cell)	Minute							Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10
1.85	7254	6240	4095	3307	2769	2385	2106	1950	1252	948	764	632	546	456	382
1.80	7800	6552	4914	3803	3081	2617	2223	2028	1271	967	792	655	554	468	390
1.75	8580	6942	5460	4226	3159	2707	2340	2145	1287	991	803	675	566	472	394
1.70	9282	7332	5694	4555	3588	2853	2457	2223	1314	1010	807	679	571	476	398
1.65	9750	7605	5889	4700	3705	2964	2613	2340	1349	1022	811	683	573	480	398
1.60	10140	7800	6045	4875	3900	3081	2730	2418	1373	1030	815	686	577	480	402

**Constant power discharge (Watt/cell @25℃)**

Final Voltage (V/cell)	Minute							Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10
1.85	12636	11232	7371	5850	4953	4446	4056	3666	2340	1794	1474	1229	1045	854	745
1.80	14040	11778	8853	6825	5538	4680	4212	3861	2457	1856	1505	1279	1076	913	761
1.75	15444	12480	9828	7332	5694	4914	4349	3978	2496	1884	1525	1318	1119	924	768
1.70	16731	13182	10257	7800	5967	5148	4466	4056	2535	1899	1529	1326	1127	932	772
1.65	17550	13689	10569	8229	6201	5304	4544	4134	2574	1911	1533	1334	1135	936	776
1.60	18252	14040	10881	8775	6396	5421	4602	4173	2613	1927	1537	1338	1143	940	780

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.