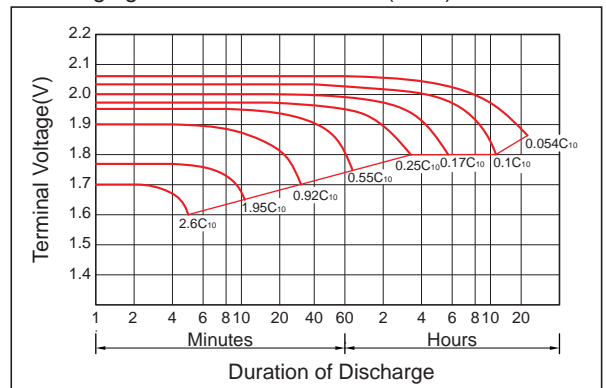


### Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	600Ah
Total Height(With terminals)	371mm(14.6 inches)
Height	363mm(14.3 inches)
Length	234mm(9.21 inches)
Width	180mm(7.09 inches)
Weight	35.5 kg (78.3 Lbs)

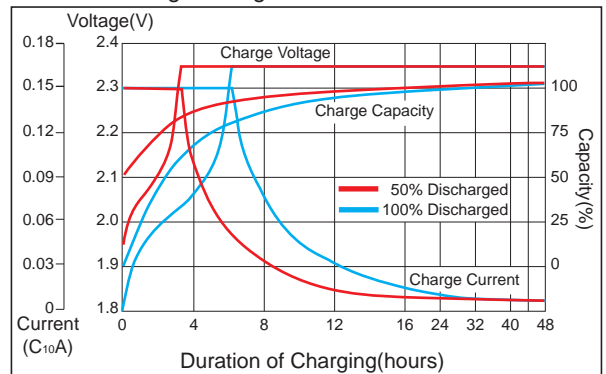
### Discharging Characteristics Curves(25°C)



### Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.27 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	1116	960	630	509	426	367	324	300	193	146	118	97	84	70.2	58.8
1.80	1200	1008	756	585	474	403	342	312	196	150	122	101	85	72.0	60.0
1.75	1320	1068	840	650	486	416	360	330	198	152	124	104	87	72.6	60.6
1.70	1428	1128	876	701	552	439	378	342	202	155	124	104	88	73.2	61.2
1.65	1500	1170	906	723	570	456	402	360	208	157	125	105	88	73.5	61.5
1.60	1560	1200	930	750	600	474	420	372	211	158	125	106	89	73.8	61.8

### 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	1944	1728	1134	900	762	684	624	564	360	276	227	189	161	131	115
1.80	2160	1812	1362	1038	834	720	648	594	378	286	232	197	166	140	117
1.75	2376	1920	1488	1128	876	756	669	612	384	290	234	203	172	142	118
1.70	2574	2028	1578	1200	918	792	687	624	390	292	235	204	173	143	119
1.65	2700	2106	1626	1272	954	816	699	636	396	294	236	205	175	144	119
1.60	2808	2160	1674	1320	984	834	708	642	402	296	237	206	176	145	121

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.