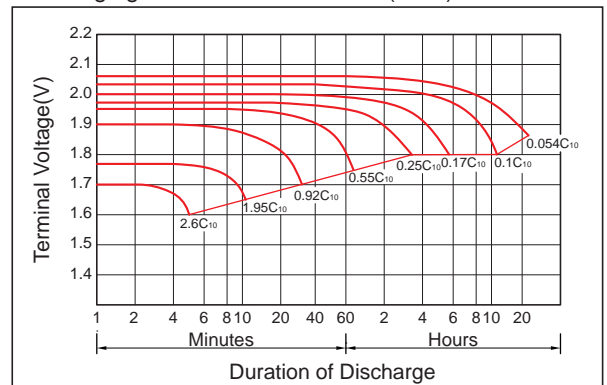


Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	1600Ah
Total Height(With terminals)	378mm(14.9 inches)
Height	371mm(14.6 inches)
Length	334mm(13.2 inches)
Width	358mm(14.1 inches)
Weight	93 kg (205.0 Lbs)

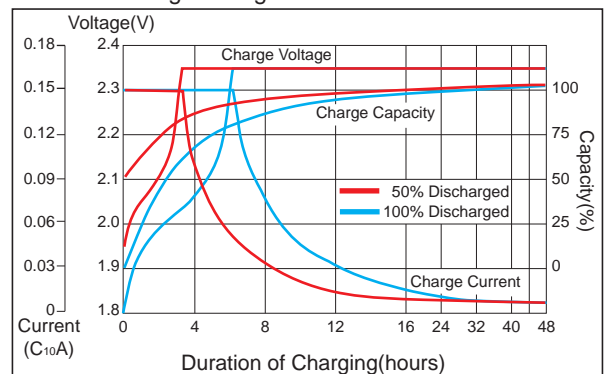
Discharging Characteristics Curves(25°C)



Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.1 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 ₁₀ A or less
	Cycle	2.35V,0.15C ₁₀ 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	2976	2560	1680	1357	1136	978	864	800	514	389	314	259	224	187	157
1.80	3200	2688	2016	1560	1264	1074	912	832	522	400	325	269	227	192	160
1.75	3520	2848	2240	1734	1296	1110	960	880	528	406	330	277	230	194	162
1.70	3808	3008	2336	1869	1472	1170	1008	912	539	414	331	278	234	195	163
1.65	4000	3120	2416	1928	1520	1216	1072	960	554	419	333	280	235	197	165
1.60	4160	3200	2480	2000	1600	1264	1120	992	563	422	334	282	237	198	166

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	5184	4608	3024	2400	2032	1824	1664	1504	960	736	605	504	429	350	306
1.80	5760	4832	3632	2768	2224	1920	1728	1584	1008	762	618	525	442	374	312
1.75	6336	5120	3968	3008	2336	2016	1784	1632	1024	773	626	541	459	379	315
1.70	6864	5408	4208	3200	2448	2112	1832	1664	1040	779	627	544	462	382	317
1.65	7200	5616	4336	3392	2544	2176	1864	1696	1056	784	629	547	466	384	318
1.60	7488	5760	4464	3520	2624	2224	1888	1712	1072	790	630	549	469	386	320

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.