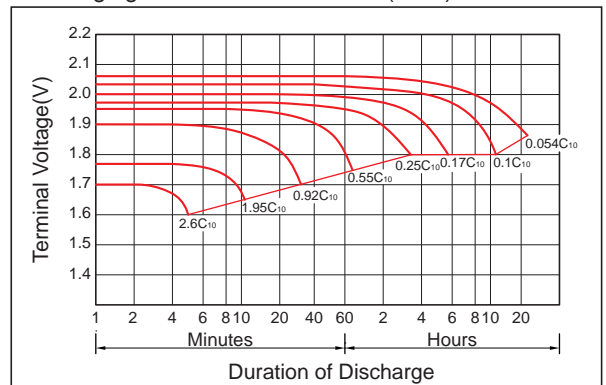


Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	3000Ah
Total Height(With terminals)	381mm(15.0 inches)
Height	371mm(14.6 inches)
Length	620mm(24.4 inches)
Width	362mm(14.2 inches)
Weight	183 kg (403.4 Lbs)

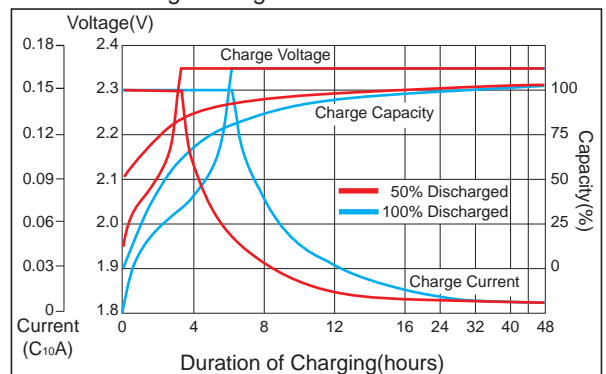
Discharging Characteristics Curves(25°C)



Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.05 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	5580	4800	3150	2544	2130	1835	1620	1500	963	729	588	486	420	351	294
1.80	6000	5040	3780	2925	2370	2013	1710	1560	978	750	609	504	426	360	300
1.75	6600	5340	4200	3251	2430	2082	1800	1650	990	762	618	519	432	363	303
1.70	7140	5640	4380	3504	2760	2195	1890	1710	1011	777	621	522	438	366	306
1.65	7500	5850	4530	3615	2850	2280	2010	1800	1038	786	624	525	441	369	309
1.60	7800	6000	4650	3750	3000	2370	2100	1860	1056	792	627	528	444	372	312

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	9720	8640	5670	4500	3810	3420	3120	2820	1800	1380	1134	945	804	657	573
1.80	10800	9060	6810	5190	4170	3600	3240	2970	1890	1428	1158	984	828	702	585
1.75	11880	9600	7440	5640	4380	3780	3345	3060	1920	1449	1173	1014	861	711	591
1.70	12870	10140	7890	6000	4590	3960	3435	3120	1950	1461	1176	1020	867	717	594
1.65	13500	10530	8130	6360	4770	4080	3495	3180	1980	1470	1179	1026	873	720	597
1.60	14040	10800	8370	6600	4920	4170	3540	3210	2010	1482	1182	1029	879	723	600

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.