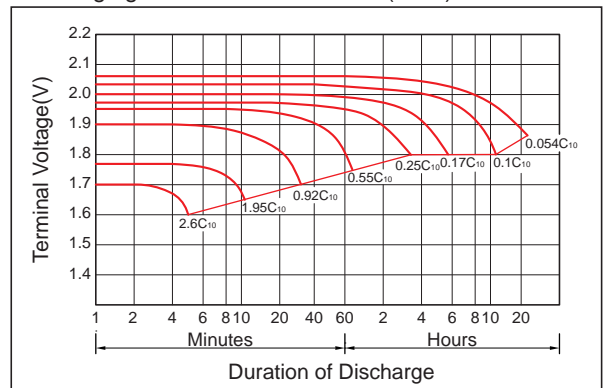


Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	800Ah
Total Height(With terminals)	382mm(15.0 inches)
Height	369mm(14.5 inches)
Length	318mm(12.5 inches)
Width	179mm(7.05 inches)
Weight	48.3 kg (106.5 Lbs)

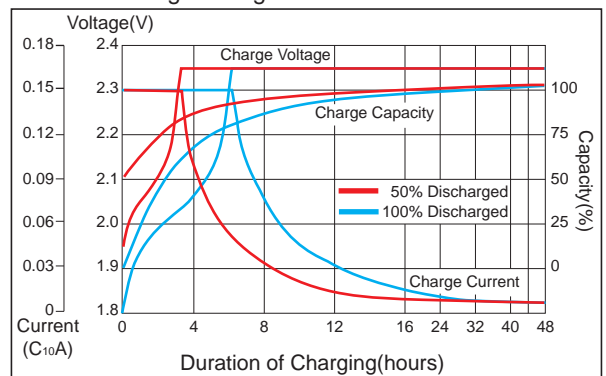
Discharging Characteristics Curves(25°C)



Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.2 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	1488	1280	840	678	568	489	432	400	257	194	157	130	112	94	78.4
1.80	1600	1344	1008	780	632	537	456	416	261	200	162	134	114	96	80.0
1.75	1760	1424	1120	867	648	555	480	440	264	203	165	138	115	97	81.0
1.70	1904	1504	1168	934	736	585	504	456	270	207	166	139	117	98	81.8
1.65	2000	1560	1208	964	760	608	536	480	277	210	166	140	118	98	82.5
1.60	2080	1600	1240	1000	800	632	560	496	282	211	167	141	118	99	83.1

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	2592	2304	1512	1200	1016	912	832	752	480	368	302	252	214	175	153
1.80	2880	2416	1816	1384	1112	960	864	792	504	381	309	262	221	187	156
1.75	3168	2560	1984	1504	1168	1008	892	816	512	386	313	270	230	190	158
1.70	3432	2704	2104	1600	1224	1056	916	832	520	390	314	272	231	191	158
1.65	3600	2808	2168	1696	1272	1088	932	848	528	392	314	274	233	192	159
1.60	3744	2880	2232	1760	1312	1112	944	856	536	395	315	274	234	193	160

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.