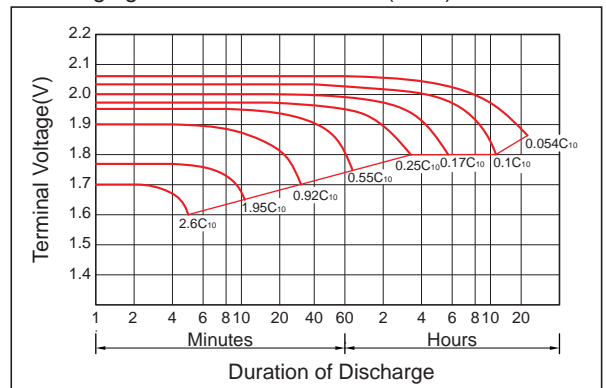


Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	400Ah
Total Height(With terminals)	370mm(14.6 inches)
Height	362mm(14.3 inches)
Length	164mm(6.46 inches)
Width	179mm(7.05 inches)
Weight	24.2 kg (53.4 Lbs)

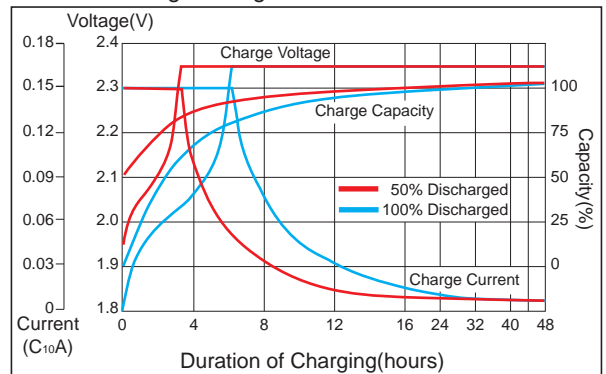
Discharging Characteristics Curves(25°C)



Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.32 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	744	640	420	339	284	245	216	200	128	97	78	64.8	56.0	46.8	39.2
1.80	800	672	504	390	316	268	228	208	130	100	81	67.2	56.8	48.0	40.0
1.75	880	712	560	433	324	278	240	220	132	102	82	69.2	57.6	48.4	40.4
1.70	952	752	584	467	368	293	252	228	135	104	83	69.6	58.4	48.8	40.8
1.65	1000	780	604	482	380	304	268	240	138	105	83	70.0	58.8	49.2	41.2
1.60	1040	800	620	500	400	316	280	248	141	106	84	70.4	59.2	49.6	41.6

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	1296	1152	756	600	508	456	416	376	240	184	151	126	107	88	76.4
1.80	1440	1208	908	692	556	480	432	396	252	190	154	131	110	94	78.0
1.75	1584	1280	992	752	584	504	446	408	256	193	156	135	115	95	78.8
1.70	1716	1352	1052	800	612	528	458	416	260	195	157	136	116	96	79.2
1.65	1800	1404	1084	848	636	544	466	424	264	196	157	137	116	96	79.6
1.60	1872	1440	1116	880	656	556	472	428	268	198	158	137	117	96	80.0

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.