

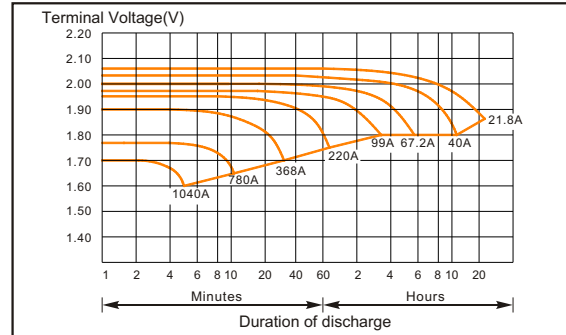
Specifications

Nominal	2V 400Ah(25)	
Voltage	370mm (14C57	
Rated Capacity(10 hourrate)	inches)	
Dimension	Total Height(with terminals)	362mm (14.25 inches)
	Height	164mm (6.46 inches)
	Width	179mm (7.05 inches)

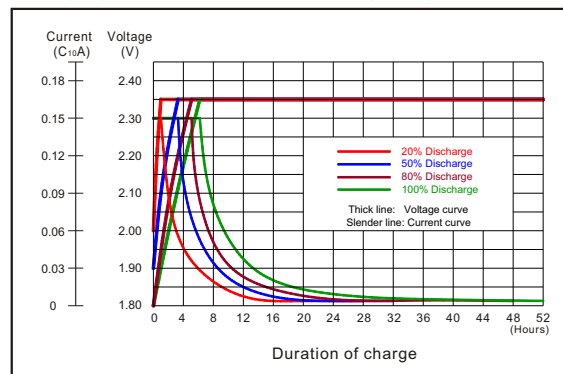
Characteristics

Capacity (25°C)	20Hr	436Ah
	10Hr	400Ah
	5Hr	336Ah
	1Hr	220Ah
Internal Resistance(Full charged)		0.32 mΩ (25°C)
Capacity affected by temperature	40°C	109%
	25°C	100%
	0 °C	88%
	-15°C	76%
Self-Discharge (25°C)	Capacity after 3 month storage	92%
Charging(25°C)	Cycle	2.35V,60Aor small
	Float	2.23V,60Aor small
Temperature compensation		-0.003V / °C

Discharging Characteristics Curves (25°C)



Charging Characteristics Curves (25°C)



Constant current discharge (Ampere @25C)

Final Voltage (V/cell)	Minute							Hour							
	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	78.4	64.8	56.1	44.8	39.2
1.80	800	672	504	390	316	268	228	208	130	99	81.2	67.2	56.8	48.0	40.0
1.75	880	712	560	433	324	278	240	220	132	102	82.4	69.2	57.5	48.4	40.4
1.70	952	752	584	467	368	293	252	228	135	104	82.8	69.6	58.6	48.8	40.8
1.65	1000	780	604	482	380	304	268	240	138	105	83.2	70.0	59.1	49.2	40.8
1.60	1040	800	620	500	400	316	280	248	141	106	83.6	70.4	59.7	49.2	41.2

Constant power discharge (Watt/cell @25 °C)

Final Voltage (V/cell)	Minute							Hour							
	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	107.2	87.6	76.4
1.80	1440	1208	908	700	568	480	432	396	252	190	154	131	110.4	93.6	78.0
1.75	1584	1280	1008	752	584	504	446	408	256	193	155	134	114.8	94.8	78.8
1.70	1716	1352	1052	800	612	528	458	416	260	195	156	136	115.6	95.6	79.2
1.65	1800	1404	1084	844	636	544	466	424	264	196	157	137	116.4	96.0	79.6
1.60	1872	1440	1116	900	656	556	472	428	268	198	158	138	117.2	96.4	80.2

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.

Battery Cycle Life Performance

