

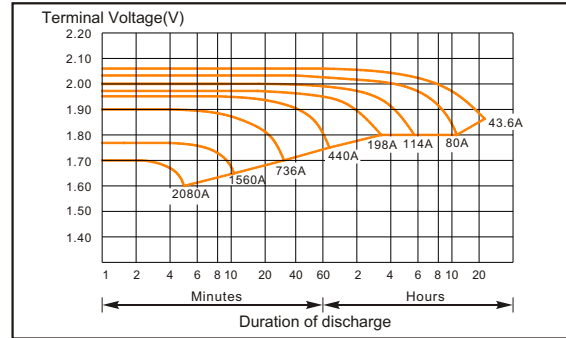
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		800Ah(25 °C)
Total Height(with terminals)		722mm (28.43 inches)
Dimension	Height	647mm (25.47 inches)
	Length	191mm (7.52 inches)
	Width	210mm (8.27 inches)
Weight		Approx.62Kg (136.68lbs)

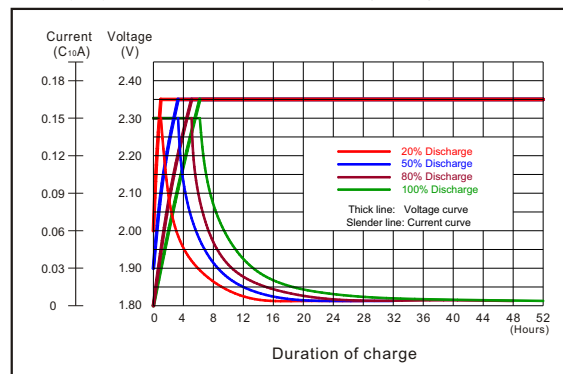
Characteristics

Capacity (25 °C)	20Hr	872Ah
	10Hr	800Ah
	5Hr	672Ah
	1Hr	440Ah
Internal Resistance(Full charged)		0.22m Ω (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, 120A or small
	Float	2.23V, 120A or small
Temperature compensation coefficient		-0.003V / °C

Discharging Characteristics Curves (25 °C)



Charging Characteristics Curves (25 °C)



Constant Current Discharge Characteristics Unit: A (25 °C, 77 °F)

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	265.6	200.0	163.2	138.4	120.0	96.0	80.0	68.7	43.6	9.60	8.13
1.83V	256.0	194.4	160.0	135.2	116.8	93.6	77.6	66.0	42.8	9.44	7.93
1.85V	246.0	188.4	156.0	132.4	114.8	91.6	76.0	64.3	42.0	9.28	7.83
1.87V	236.0	182.4	152.0	129.6	112.8	89.6	74.4	62.7	41.2	9.12	7.73
1.90V	220.0	172.0	144.0	123.2	106.4	85.6	71.2	61.3	40.0	8.80	7.47

Constant Power Discharge Characteristics Unit: W/cell (25 °C, 77 °F)

F.V/Time	2 Hr	3 Hr	4 Hr	5 Hr	6 Hr	8 Hr	10 Hr	12 Hr	20 Hr	100 Hr	120 Hr
1.80V	513	384	315	270	233	187	156	134	85.2	19.0	16.2
1.83V	485	370	309	263	225	178	151	129	83.6	18.7	15.8
1.85V	460	357	301	257	220	171	148	125	82.0	18.4	15.6
1.87V	435	343	293	252	215	165	145	122	80.4	18.1	15.4
1.90V	397	321	277	239	201	154	139	119	78.1	17.4	14.8

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.