

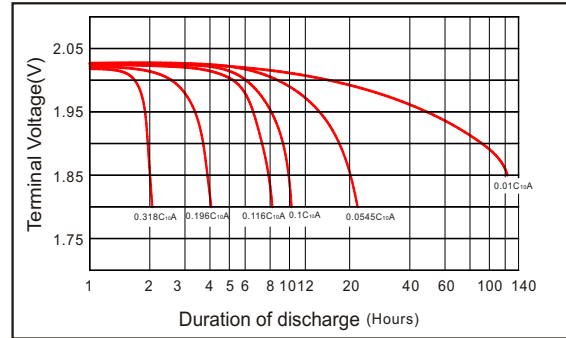
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		1000Ah(25°C)
Total Height(with terminals)		688mm (27.09 inches)
Dimension	Height	647mm (25.47 inches)
	Length	210mm (8.27 inches)
	Width	275mm (10.83 inches)
Weight		Approx.82Kg (180.78lbs)

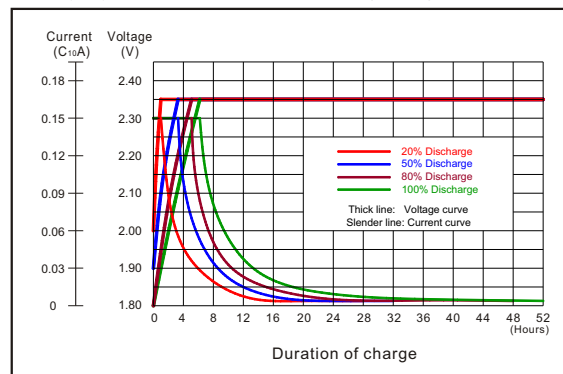
Characteristics

Capacity (25°C)	20Hr	1091Ah
	10Hr	1000Ah
	5Hr	880Ah
	1Hr	620Ah
Internal Resistance(Full charged)		0.17 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
Float		2.23V,53Aor 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	332	250	204	173	150	120	100	85.8	54.5	12.0	10.2
1.83V	320	243	200	169	146	117	97	82.5	53.5	11.8	9.92
1.85V	307	235	195	165	143	114	95	80.4	52.5	11.6	9.79
1.87V	295	228	190	162	141	112	93	78.3	51.5	11.4	9.67
1.90V	275	215	180	154	133	107	89	76.7	50.0	11.0	9.33

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	642	480	394	338	292	234	195	167	106	23.8	20.2
1.83V	606	463	386	329	281	223	189	161	104	23.4	19.7
1.85V	575	446	376	322	275	214	185	157	103	23.0	19.5
1.87V	544	429	366	314	268	206	181	153	101	22.6	19.2
1.90V	497	401	347	298	251	192	173	149	97.6	21.8	18.5

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.