

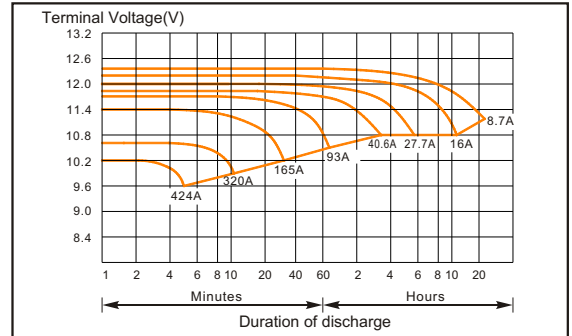
**Specifications**

Nominal Voltage		12V
Rated Capacity(10 hourrate)		160Ah
Total Height(with terminals)		247mm (9.72 inches)
Dimension	Height	224mm (8.82 inches)
	Lenght	259mm (10.20 inches)
	Width	497mm (19.57 inches)
Weight		Approx.66Kg (145.5lbs)

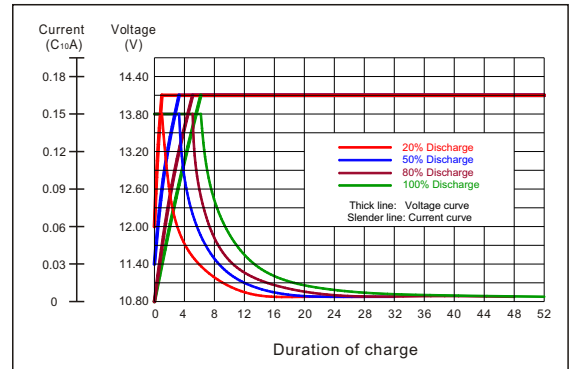
**Characteristics**

Capacity (25°C)	20Hr	174Ah
	10Hr	160Ah
	5Hr	138Ah
	1Hr	93Ah
Internal Resistance(Full charged)		4 m 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	14.10V,24A or small
	Float	13.38V,24A or small
Temperature compensation coefficient		-0.018V / °C

**Discharging Characteristics Curves (25°C)**



**Charging Characteristics Curves(25°C)**



**Constant current discharge (Ampere/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	288	240	210	186	149	117	99	85	53	39.8	31.8	27.2	23.5	18.7	15.8
1.80	320	264	226	198	155	122	104	89	55	40.6	32.3	27.7	23.8	18.9	16.0
1.75	352	285	240	210	160	126	107	93	56	41.1	32.6	27.8	24.0	19.0	16.2
1.70	381	301	253	221	165	131	110	95	56	41.4	33.0	28.0	24.2	19.2	16.3
1.65	402	320	269	232	168	133	111	96	57	41.8	33.1	28.2	24.3	19.4	16.5
1.60	424	330	278	240	170	135	113	97	57	41.9	33.3	28.3	24.5	19.5	16.6

**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	560	450	385	344	264	218	189	166	103	81.1	65.1	54.7	46.6	37.3	32.2
1.80	688	542	430	358	278	230	198	173	105	81.9	66.6	55.2	47.4	37.6	32.5
1.75	768	576	459	370	290	240	208	182	107	83.0	67.4	55.7	48.3	38.1	32.6
1.70	826	616	480	382	304	250	214	187	109	84.0	68.5	56.2	49.3	38.6	32.8
1.65	880	630	493	392	314	253	219	192	111	84.8	69.4	56.8	50.4	38.9	33.0
1.60	950	648	504	411	328	258	224	197	112	85.6	70.4	57.1	51.7	39.2	33.1

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.