

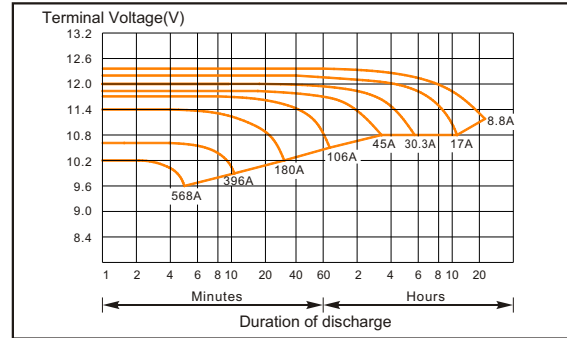
Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		170Ah
Total Height(with terminals)		323mm (12.72 inches)
Dimension	Height	322mm (12.68 inches)
	Length	558mm (21.97 inches)
	Width	125mm (4.92 inches)
Weight		Approx.59Kg (130.07lbs)

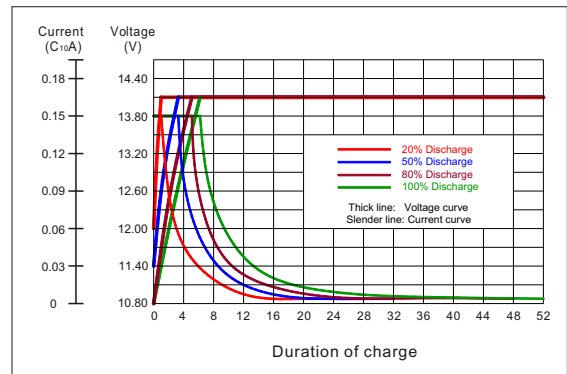
Characteristics

Capacity (25°C)	20Hr	185Ah
	10Hr	170Ah
	5Hr	150Ah
	1Hr	105Ah
Internal Resistance(Full charged)		4.3 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	14.10V,26A or small
	Float	13.50V,26A 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	321	275	224	196	150	124	108	96	60	44.4	35.2	29.8	25.5	20.1	16.8
1.80	394	318	255	218	163	133	115	101	61	45.4	35.7	30.3	25.8	20.2	17.0
1.75	454	352	275	233	173	140	120	106	63	45.9	36.0	30.4	26.0	20.4	17.2
1.70	502	377	292	243	180	143	123	108	63	46.2	36.4	30.6	26.2	20.6	17.3
1.65	539	396	303	252	184	147	125	109	64	46.6	36.6	30.8	26.4	20.7	17.3
1.60	568	410	311	257	185	148	127	111	64	46.8	36.7	30.9	26.5	20.9	17.5

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	700	578	449	405	325	255	226	199	116	90.4	71.9	59.8	50.5	40.0	34.2
1.80	770	605	474	415	332	260	230	202	117	91.5	73.4	60.4	51.3	40.3	34.5
1.75	872	632	479	427	337	265	235	206	119	92.7	74.5	60.9	52.4	40.8	34.7
1.70	935	646	491	435	340	269	240	207	122	93.7	75.7	61.4	53.4	41.3	34.9
1.65	972	666	500	442	343	272	245	209	124	94.7	76.7	62.1	54.6	41.7	35.0
1.60	1015	677	507	451	345	275	248	211	126	95.5	77.7	62.4	55.9	42.0	35.2

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.