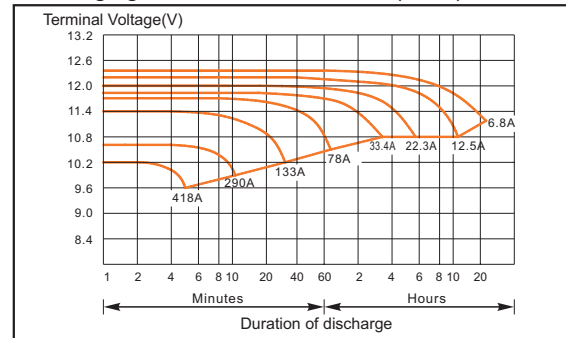


**Specifications**

Nominal Voltage		12V
Rated Capacity(10 hour rate)		125Ah (25°C)
Total Height(with terminals)		282mm (11.10 inches)
Dimension	Height	280mm (11.02 inches)
	Length	528mm (20.79 inches)
	Width	125mm (4.92 inches)
Weight		Approx. 47Kg (103.62lbs)

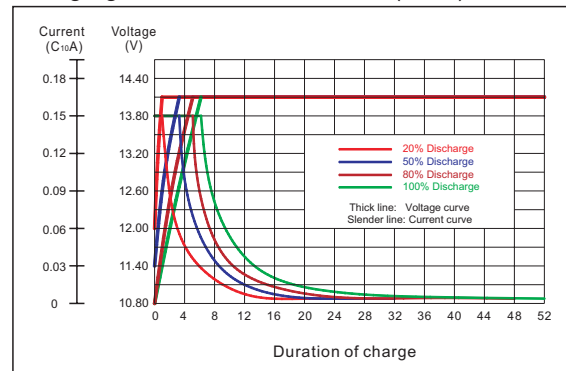
**Discharging Characteristics Curves (25°C)**



**Characteristics**

Capacity (25°C)	20Hr	136Ah
	10Hr	125Ah
	5Hr	110Ah
	1Hr	78Ah
Internal Resistance(Full charged)		4.7 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,19A or small
	Float	13.50V,19A or small
Temperature compensation coefficient		-0.018V / °C

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



**Constant current discharge (Ampere @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	236	203	165	144	110	91	79	71	44	32.6	25.9	21.9	18.8	14.8	12.4
1.80	290	234	188	160	120	98	84	75	45	33.4	26.3	22.3	19.0	14.9	12.5
1.75	334	259	203	171	128	103	88	78	46	33.8	26.5	22.4	19.1	15.0	12.6
1.70	369	278	215	179	133	105	91	80	47	34.0	26.8	22.5	19.3	15.1	12.8
1.65	396	291	223	185	135	108	92	80	47	34.3	26.9	22.6	19.4	15.3	12.8
1.60	418	301	229	189	136	109	93	81	47	34.4	27.0	22.8	19.5	15.4	12.9

**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	515	425	295	298	239	188	166	146	85	66.5	52.9	44.0	37.1	29.4	25.1
1.80	566	445	349	305	244	191	169	149	86	67.3	54.0	44.4	37.8	29.6	25.4
1.75	641	465	353	314	248	195	173	151	88	68.1	54.8	44.8	38.5	30.0	25.5
1.70	688	475	361	320	250	198	176	153	90	68.9	55.6	45.1	39.3	30.4	25.6
1.65	715	490	368	325	253	200	180	154	91	69.6	56.4	45.6	40.1	30.6	25.8
1.60	746	498	373	331	254	203	183	155	93	70.3	57.1	45.9	41.1	30.9	25.9

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.