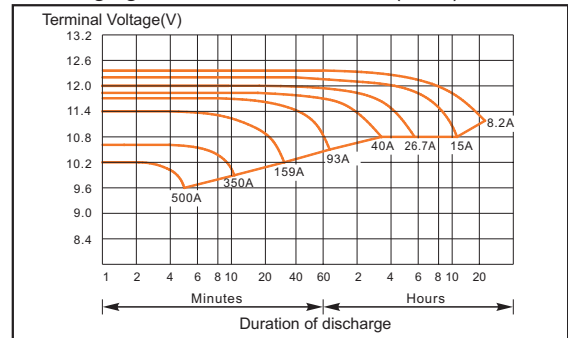


**Specifications**

Nominal Voltage		12V
Rated Capacity(10 hour rate)		150Ah
Total Height(with terminals)		310mm (12.20 inches)
Dimension	Height	308mm (12.13 inches)
	Length	528mm (20.79 inches)
	Width	125mm (4.92 inches)
Weight		Approx.50Kg (110.23lbs)

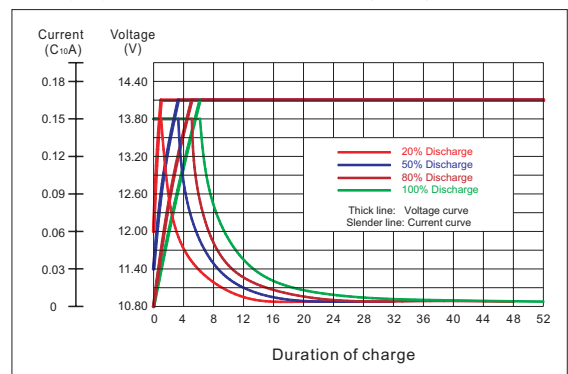
**Discharging Characteristics Curves (25°C)**



**Characteristics**

Capacity (25°C)	20Hr	164Ah
	10Hr	150Ah
	5Hr	132Ah
	1Hr	93Ah
Internal Resistance(Full charged)		4.5 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,23A or small
	Float	13.50V,23A 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	284	243	198	173	132	109	95	85	53	39.2	31.1	26.3	22.5	17.7	14.9
1.80	348	281	225	192	144	117	101	89	54	40.1	31.5	26.7	22.8	17.9	15.0
1.75	401	311	243	206	153	123	106	93	55	40.5	31.8	26.9	23.0	18.0	15.2
1.70	443	333	258	215	159	126	109	95	56	40.8	32.1	27.0	23.1	18.2	15.3
1.65	476	350	267	222	162	129	110	96	56	41.1	32.3	27.2	23.3	18.3	15.3
1.60	501	362	275	227	164	131	112	98	57	41.3	32.4	27.3	23.4	18.5	15.5

**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	618	510	354	357	287	225	200	176	102	79.8	63.5	52.8	44.6	35.3	30.2
1.80	680	534	419	366	293	176	203	179	104	80.7	64.8	53.3	45.3	35.6	30.5
1.75	770	558	423	377	297	183	207	182	105	81.8	65.7	53.7	46.2	36.0	30.6
1.70	825	570	434	384	300	188	212	183	108	82.7	66.8	54.2	47.1	36.5	30.8
1.65	858	588	441	390	303	191	216	185	110	83.6	67.7	54.8	48.2	36.8	30.9
1.60	896	597	447	398	305	192	219	186	111	84.3	68.6	55.1	49.4	37.1	31.1

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.