

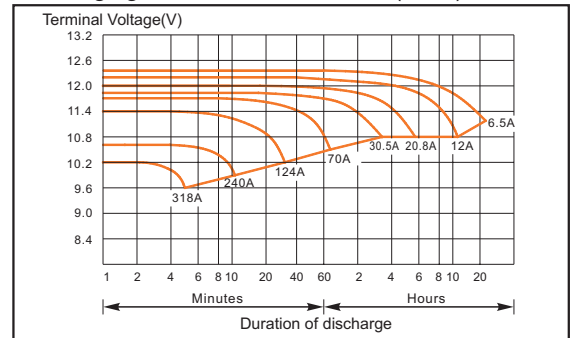
### Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		120Ah
Total Height(with terminals)		247mm (9.72 inches)
Dimension	Height	225mm (8.86 inches)
	Length	203mm (7.99 inches)
	Width	497mm (19.57 inches)
Weight		Approx.51Kg (112.43lbs)

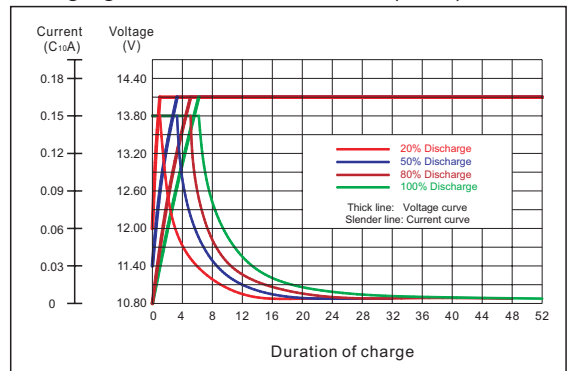
### Characteristics

Capacity (25°C)	20Hr	131Ah
	10Hr	120Ah
	5Hr	103Ah
	1Hr	70Ah
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
Float		13.50V, 18A or small
Temperature compensation coefficient		-0.018V / °C

### Discharging Characteristics Curves (25°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	216	180	157	139	112	88	74	63	40	29.9	23.9	20.4	17.6	14.0	11.9
1.80	240	198	169	149	116	91	78	67	41	30.5	24.2	20.8	17.9	14.2	12.0
1.75	264	214	180	157	120	95	80	70	42	30.8	24.5	20.9	18.0	14.3	12.1
1.70	286	226	190	166	124	98	82	71	42	31.1	24.7	21.0	18.1	14.4	12.2
1.65	301	240	202	174	126	100	84	72	42	31.3	24.8	21.1	18.2	14.5	12.4
1.60	318	247	209	180	127	101	84	73	43	31.4	25.0	21.2	18.4	14.6	12.5

### 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	420	337	289	258	198	163	142	125	77	60.8	48.8	41.0	34.9	28.0	24.1
1.80	516	407	323	269	209	173	149	130	79	61.4	49.9	41.4	35.5	28.2	24.4
1.75	576	432	344	277	217	180	156	137	80	62.3	50.5	41.8	36.2	28.6	24.5
1.70	619	462	360	287	228	187	161	140	82	63.0	51.4	42.1	37.0	28.9	24.6
1.65	660	473	370	294	235	190	164	144	83	63.6	52.1	42.6	37.8	29.2	24.7
1.60	713	486	378	308	246	193	168	148	84	64.2	52.8	42.8	38.8	29.4	24.8

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.