

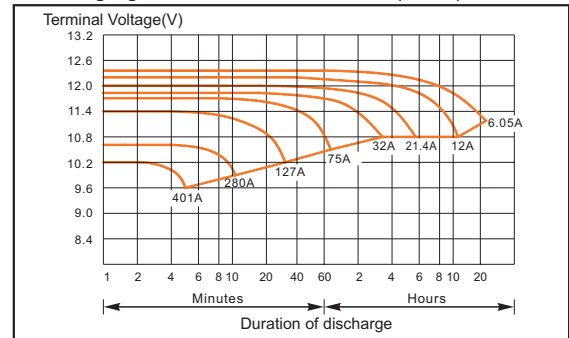
### Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		120Ah
Total Height(with terminals)		321mm (12.64 inches)
Dimension	Height	319mm (12.56 inches)
	Length	528mm (20.79 inches)
	Width	105mm (4.13 inches)
Weight		Approx.42Kg (92.59lbs)

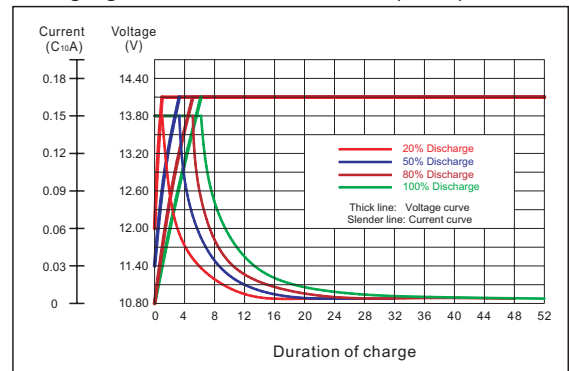
### Characteristics

Capacity (25 °C)	20Hr	131Ah
	10Hr	120Ah
	5Hr	106Ah
	1Hr	74Ah
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,18A or small
	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	227	194	158	138	106	87	76	68	42	31.3	24.8	21.0	18.0	14.2	11.9
1.80	278	224	180	154	115	94	81	72	43	32.0	25.2	21.4	18.2	14.3	12.0
1.75	320	248	194	164	122	99	85	75	44	32.4	25.4	21.5	18.4	14.4	12.1
1.70	354	266	206	172	127	101	87	76	45	32.6	25.7	21.6	18.5	14.5	12.2
1.65	380	280	214	178	130	104	88	77	45	32.9	25.8	21.7	18.6	14.6	12.2
1.60	401	289	220	181	131	105	89	78	45	33.0	25.9	21.8	18.7	14.8	12.4

### 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	494	408	283	286	229	180	160	140	82	63.8	50.8	42.2	35.6	28.2	24.1
1.80	544	427	335	293	234	184	162	143	83	64.6	51.8	42.6	36.2	28.4	24.4
1.75	616	446	338	301	238	187	166	145	84	65.4	52.6	43.0	37.0	28.8	24.5
1.70	660	456	347	307	240	190	169	146	86	66.1	53.4	43.3	37.7	29.2	24.6
1.65	686	470	353	312	242	192	173	148	88	66.8	54.1	43.8	38.5	29.4	24.7
1.60	716	478	358	318	244	194	175	149	89	67.4	54.8	44.0	39.5	29.6	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.