

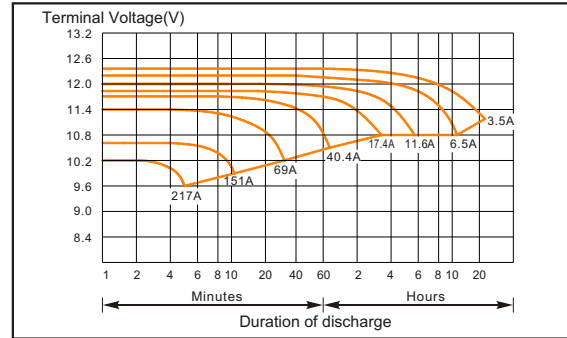
Specifications

Nominal Voltage		12V
Rated Capacity(10 hourrate)		65Ah (25°C)
Total Height(with terminals)		226mm (8.90 inches)
Dimension	Height	224mm (8.82 inches)
	Length	350mm (13.78 inches)
	Width	125mm (4.92 inches)
Weight		Approx. 25Kg (55.11lbs)

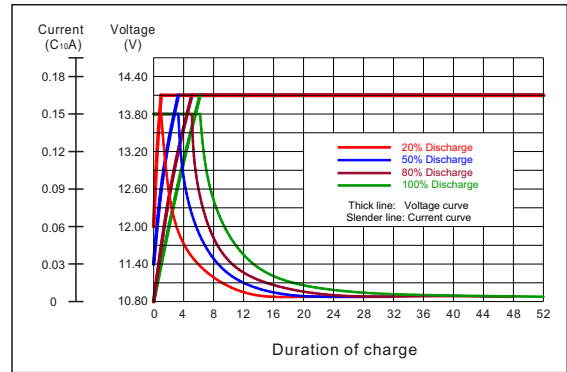
Characteristics

Capacity (25°C)	20Hr	71Ah
	10Hr	65Ah
	5Hr	57Ah
	1Hr	40Ah
Internal Resistance(Full charged)		7.6 mΩ (20°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,9.8A 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	123	105	86	75	57	47	41	36.8	22.8	17.0	13.5	11.4	9.8	7.7	6.4
1.80	151	122	98	83	62	51	44	38.7	23.5	17.4	13.7	11.6	9.9	7.7	6.5
1.75	174	135	105	89	66	53	46	40.4	23.9	17.6	13.8	11.6	9.9	7.8	6.6
1.70	192	144	112	93	69	55	47	41.3	24.2	17.7	13.9	11.7	10.0	7.9	6.6
1.65	206	151	116	96	70	56	48	41.7	24.4	17.8	14.0	11.8	10.1	7.9	6.6
1.60	217	157	119	98	71	57	48	42.3	24.5	17.9	14.0	11.8	10.1	8.0	6.7

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	268	221	153	155	124	98	86	76.1	44.2	34.6	27.5	22.9	19.3	15.3	13.1
1.80	294	231	181	159	127	99	88	77.4	44.9	35.0	28.1	23.1	19.6	15.4	13.2
1.75	333	242	183	163	129	101	90	78.7	45.5	35.4	28.5	23.3	20.0	15.6	13.3
1.70	358	247	188	166	130	103	92	79.3	46.8	35.8	28.9	23.5	20.4	15.8	13.3
1.65	372	255	191	169	131	104	94	80.0	47.5	36.2	29.3	23.7	20.9	15.9	13.4
1.60	388	259	194	172	132	105	95	80.6	48.1	36.5	29.7	23.9	21.4	16.1	13.5

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.