

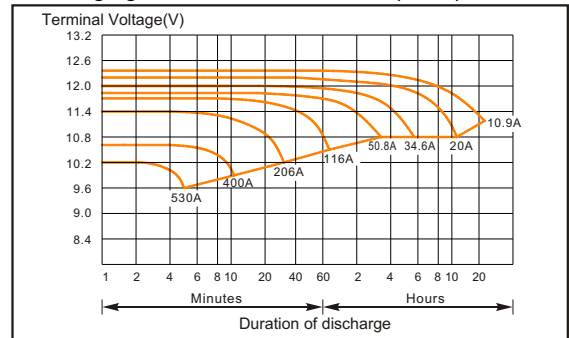
**Specifications**

Nominal Voltage		12V
Rated Capacity(10 hourrate)		200Ah
Total Height(with terminals)		247mm (9.72 inches)
Dimension	Height	224mm (8.82 inches)
	Lenght	259mm (10.20 inches)
	Width	497mm (19.57 inches)
Weight		Approx.73Kg (160.93lbs)

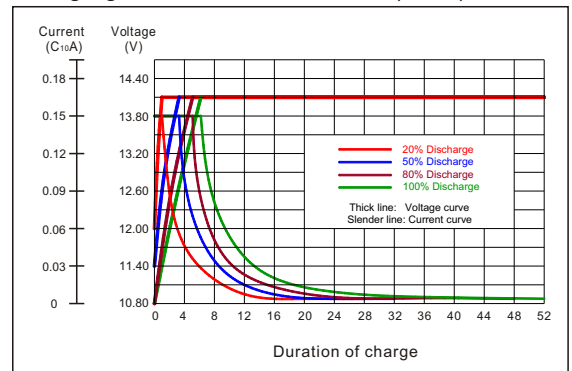
**Characteristics**

Capacity (25°C)	20Hr	218Ah
	10Hr	200Ah
	5Hr	172Ah
	1Hr	116Ah
Internal Resistance(Full charged)		3.6 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,30A or small
	Float	13.38V,30A or small
Temperature compensation coefficient		-0.018V / °C

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



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



**Constant current discharge (Ampere/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	360	300	262	232	186	146	124	106	66	49.8	39.8	34.0	29.4	23.4	19.8
1.80	400	330	282	248	194	152	130	111	68	50.8	40.4	34.6	29.8	23.6	20.0
1.75	440	356	300	262	200	158	134	116	69	51.4	40.8	34.8	30.0	23.8	20.2
1.70	476	376	316	276	206	164	137	119	70	51.8	41.2	35.0	30.2	24.0	20.4
1.65	502	400	336	290	210	167	139	120	71	52.2	41.4	35.2	30.4	24.2	20.6
1.60	530	412	348	300	212	168	141	122	71	52.4	41.6	35.4	30.6	24.4	20.8

**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	700	562	482	430	330	272	236	208	128	101	81.4	68.4	58.2	46.6	40.2
1.80	860	678	538	448	348	288	248	216	132	102	83.2	69.0	59.2	47.0	40.6
1.75	960	720	574	462	362	300	260	228	134	104	84.2	69.6	60.4	47.6	40.8
1.70	1032	770	600	478	380	312	268	234	136	105	85.6	70.2	61.6	48.2	41.0
1.65	1100	788	616	490	392	316	274	240	138	106	86.8	71.0	63.0	48.6	41.2
1.60	1188	810	630	514	410	322	280	246	140	107	88.0	71.4	64.6	49.0	41.4

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.