

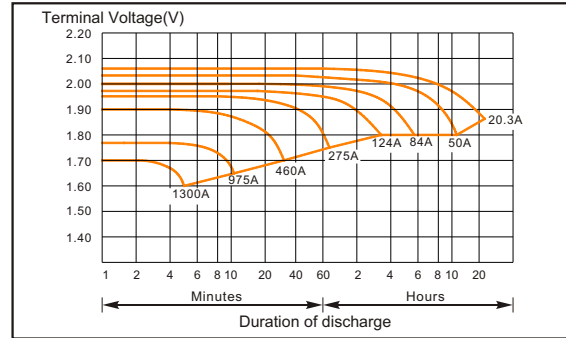
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		500Ah(25 °C)
Total Height(with terminals)		395mm (15.55 inches)
Dimension	Height	368mm (14.49 inches)
	Length	215mm (8.46 inches)
	Width	181mm (7.13 inches)
Weight		Approx.35Kg (77.16lbs)

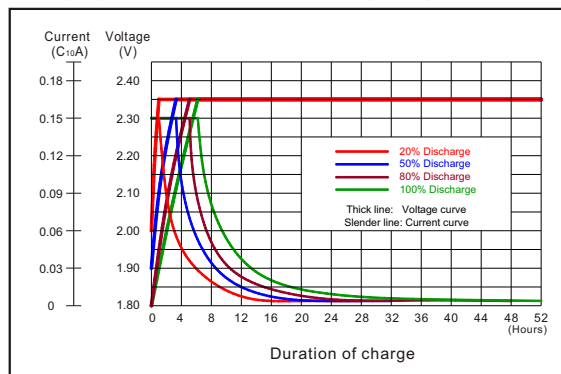
Characteristics

Capacity (25 °C)	20Hr	545Ah
	10Hr	500Ah
	5Hr	420Ah
	1Hr	275Ah
Internal Resistance(Full charged)		0.3 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	2.35V,75A or small
	Float	2.23V,75A or small
Temperature compensation coefficient		-0.003V / °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	930	800	525	424	355	306	270	250	161	122	98	81	70	56.5	49.0
1.80	1000	840	630	488	395	336	285	260	163	124	101	84	71	60.1	50.0
1.75	1100	890	700	542	405	347	300	275	165	127	102	86	72	60.5	50.5
1.70	1190	940	730	584	460	366	315	285	169	130	103	87	73	61.2	51.0
1.65	1250	975	755	603	475	380	335	300	173	131	104	88	74	61.5	51.4
1.60	1300	1000	775	625	500	395	350	310	176	132	105	89	74	61.9	51.7

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	1620	1440	945	750	635	570	520	470	300	230	189	158	134	110	95.5
1.80	1800	1510	1135	875	710	600	540	495	315	238	193	164	138	117	97.5
1.75	1980	1600	1260	940	730	630	558	510	320	242	195	169	143	118	98.5
1.70	2145	1690	1315	1000	765	660	573	520	325	244	196	170	144	119	99.0
1.65	2250	1755	1355	1055	795	680	583	530	330	245	197	171	145	120	99.5
1.60	2340	1800	1395	1125	820	695	590	535	335	247	198	172	146	121	100

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