

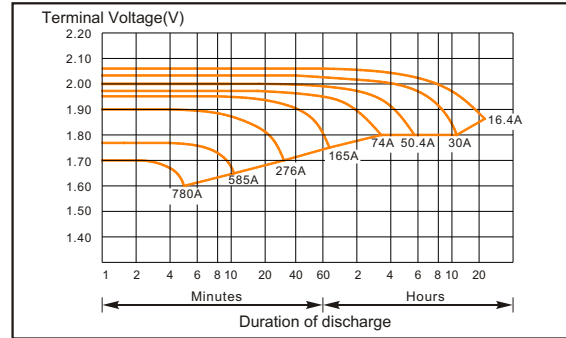
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		300Ah(25 °C)
Total Height(with terminals)		370mm (14.57 inches)
Dimension	Height	362mm (14.25 inches)
	Length	134mm (5.28 inches)
	Width	178mm (7.01 inches)
Weight		Approx.19.5Kg (42.99lbs)

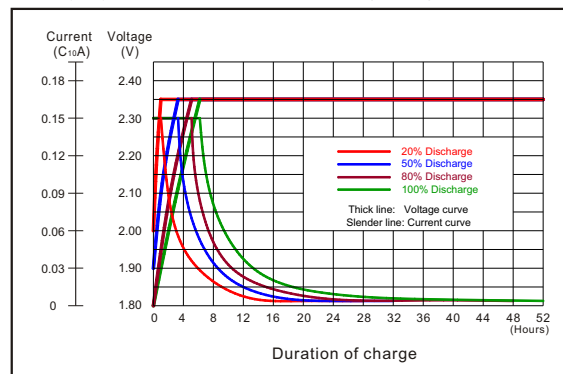
Characteristics

Capacity (25 °C)	20Hr	327Ah
	10Hr	300Ah
	5Hr	252Ah
	1Hr	165Ah
Internal Resistance(Full charged)		0.35 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,45A or small
	Float	2.23V,45A 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	558	480	315	254	213	183	162	150	96	73	58.8	48.6	42.0	33.6	29.4
1.80	600	504	378	293	237	201	171	156	98	74	60.9	50.4	42.6	36.0	30.0
1.75	660	534	420	325	243	208	180	165	99	76	61.8	51.9	43.5	36.3	30.3
1.70	714	564	438	350	276	219	189	171	101	78	62.1	52.2	43.8	36.6	30.6
1.65	750	585	453	362	285	228	201	180	104	79	62.4	52.5	44.1	36.9	30.6
1.60	780	600	465	375	300	237	210	186	106	79	62.7	52.8	44.6	36.9	30.9

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	972	864	567	450	381	342	312	282	180	138	113.4	94.5	80.4	65.7	57.3
1.80	1080	906	681	525	426	360	324	297	189	143	115.8	98.4	82.8	70.2	58.5
1.75	1188	960	756	564	438	378	335	306	192	145	117.3	101.4	86.1	71.1	59.1
1.70	1287	1014	789	600	459	396	344	312	195	146	117.6	102.0	86.7	71.7	59.4
1.65	1350	1053	813	633	477	408	350	318	198	147	117.9	102.6	87.3	72.0	59.7
1.60	1404	1080	837	675	492	417	354	321	201	148	118.2	102.9	87.9	72.3	60.0

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