

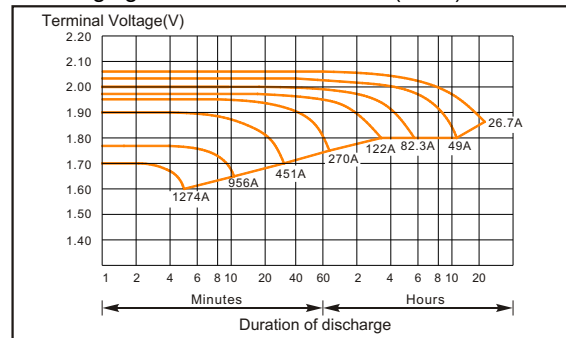
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		490Ah(25 °C)
Total Height(with terminals)		512mm (20.16 inches)
Dimension	Height	471mm (18.54 inches)
	Length	166mm (6.54 inches)
	Width	206mm (8.11 inches)
Weight		Approx.42Kg (92.59lbs)

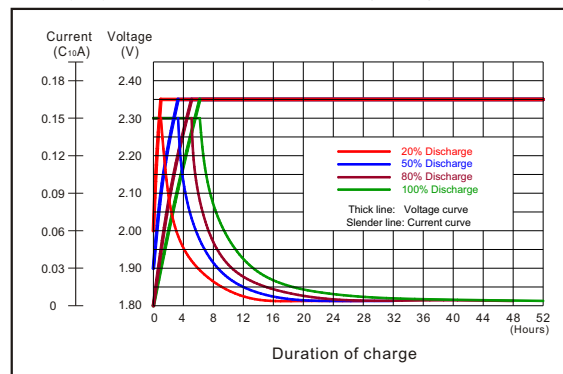
Characteristics

Capacity (25 °C)	20Hr	534Ah
	10Hr	490Ah
	5Hr	412Ah
	1Hr	270Ah
Internal Resistance(Full charged)		0.37 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,74A or small
	Float	2.23V,74A or small
Temperature compensation coefficient		-0.003V / °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	911	784	515	416	348	300	265	245	157	119	96.0	79.4	68.6	54.9	48.0
1.80	980	823	617	478	387	329	279	255	160	122	99.5	82.3	69.6	58.8	49.0
1.75	1078	872	686	531	397	340	294	270	162	124	100.9	84.8	71.1	59.3	49.5
1.70	1166	921	715	572	451	358	309	279	165	127	101.4	85.3	71.8	59.8	49.9
1.65	1225	956	740	590	466	372	328	294	170	128	101.9	85.8	72.4	60.3	50.2
1.60	1274	980	760	613	490	387	343	304	172	129	102.4	86.2	73.1	60.3	50.5

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	1588	1411	926	735	622	559	510	461	294	225	185.2	154.4	131.3	107.3	93.6
1.80	1764	1480	1112	858	696	588	529	485	309	233	189.1	160.7	135.2	114.7	95.6
1.75	1940	1568	1235	921	715	617	546	500	314	237	191.6	165.6	140.6	116.1	96.5
1.70	2102	1656	1289	980	750	647	561	510	319	239	192.1	166.6	141.6	117.1	97.0
1.65	2205	1720	1328	1034	779	666	571	519	323	240	192.6	167.6	142.6	117.6	97.5
1.60	2293	1764	1367	1103	804	681	578	524	328	242	193.1	168.1	143.6	118.1	98.0

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