

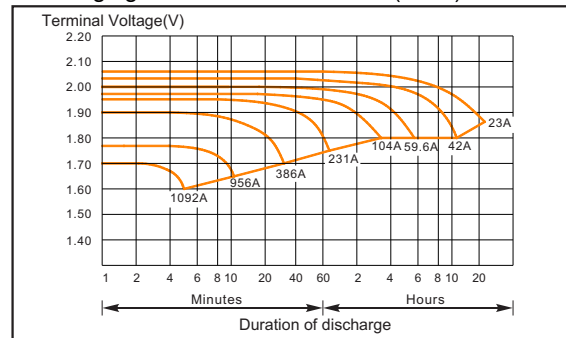
Specifications

Nominal Voltage		2V
Rated Capacity(10 hourrate)		420Ah(25 °C)
Total Height(with terminals)		512mm (20.16 inches)
Dimension	Height	471mm (18.54 inches)
	Length	145mm (5.71 inches)
	Width	206mm (8.11 inches)
Weight		Approx.36.5Kg (80.47lbs)

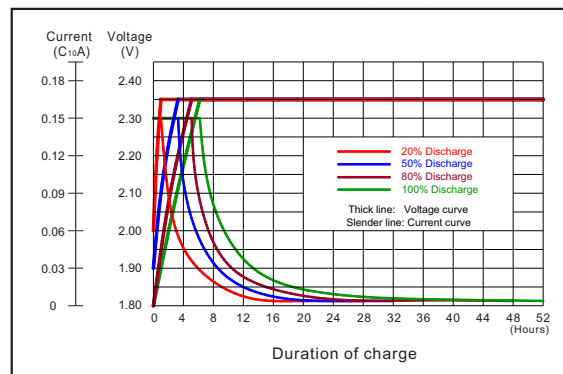
Characteristics

Capacity (25 °C)	20Hr	458Ah
	10Hr	420Ah
	5Hr	370Ah
	1Hr	260Ah
Internal Resistance(Full charged)		0.43 m (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,63Aor small
	Float	2.23V,63Aor 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	781	672	441	356	298	257	227	210	135	102	82.3	68	58.8	49.1	41.2
1.80	840	706	529	410	332	282	239	218	137	104	85.3	70.6	59.6	50.4	42.0
1.75	924	748	588	455	340	291	252	231	139	107	86.5	72.7	60.9	50.8	42.4
1.70	1000	790	613	491	386	307	265	239	142	109	86.9	73.1	61.5	51.2	42.8
1.65	1050	819	634	506	399	319	281	252	145	110	87.4	73.5	61.7	51.7	42.8
1.60	1092	840	651	525	420	332	294	260	148	111	87.8	73.9	62.2	51.7	43.3

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	1361	1210	794	630	533	479	437	395	252	193	158.8	132.3	112.6	92.0	80.2
1.80	1512	1268	953	735	596	504	454	416	265	200	162.1	137.8	115.9	98.3	81.9
1.75	1663	1344	1058	790	613	529	468	428	269	203	164.2	142	120.5	99.5	82.7
1.70	1802	1420	1105	840	643	554	481	437	273	205	164.6	142.8	121.4	100.4	83.2
1.65	1890	1474	1138	886	668	571	489	445	277	206	165.1	143.6	122.2	100.8	83.6
1.60	1966	1512	1172	945	689	584	496	449	281	207	165.5	144.1	123.1	101.2	84.0

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