

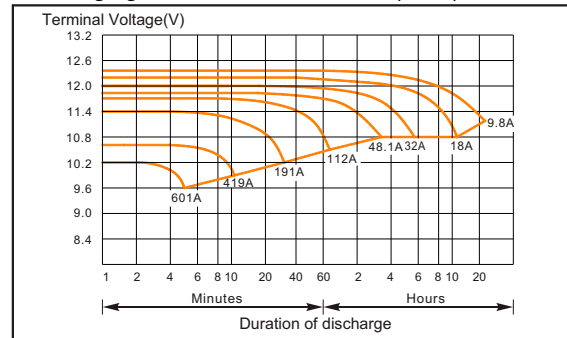
### Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		180Ah
Total Height(with terminals)		323mm (12.72 inches)
Dimension	Height	322mm (12.68 inches)
	Length	558mm (21.97 inches)
	Width	125mm (4.92 inches)
Weight		Approx.57Kg (125.66lbs)

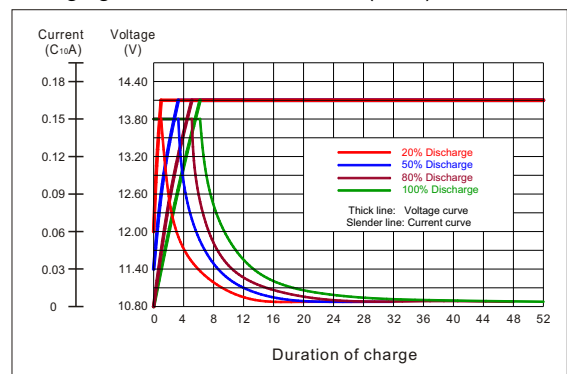
### Characteristics

Capacity (25°C)	20Hr	196Ah
	10Hr	180Ah
	5Hr	160Ah
	1Hr	112Ah
Internal Resistance(Full charged)		4.2 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,27A or small
	Float	13.50V,27A or small
Temperature compensation coefficient		-0.018V / °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	340	292	238	207	158	131	114	102	63	47.0	37.3	31.5	27.0	21.2	17.8
1.80	418	337	270	230	173	141	122	107	65	48.1	37.8	32.0	27.4	21.4	18.0
1.75	481	373	292	247	184	148	127	112	66	48.6	38.2	32.2	27.5	21.6	18.2
1.70	531	400	310	257	191	152	131	114	67	49.0	38.5	32.4	27.7	21.8	18.4
1.65	571	419	320	266	194	155	132	115	68	49.3	38.7	32.6	27.9	22.0	18.4
1.60	601	434	329	272	196	157	134	117	68	49.5	38.9	32.8	28.1	22.1	18.5

### 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	742	612	475	428	344	270	239	211	122	95.8	76.1	63.4	53.5	42.3	36.2
1.80	815	641	502	439	351	275	243	214	124	96.8	77.8	63.9	54.4	42.7	36.5
1.75	923	670	508	452	356	281	248	218	126	98.1	78.8	64.4	55.4	43.2	36.7
1.70	990	684	520	461	360	284	254	220	130	99.2	80.1	65.0	56.5	43.7	36.9
1.65	1030	706	529	468	364	288	259	221	131	100.3	81.2	65.7	57.8	44.1	37.1
1.60	1075	716	536	477	365	292	263	223	133	101.2	82.3	66.1	59.2	44.5	37.3

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