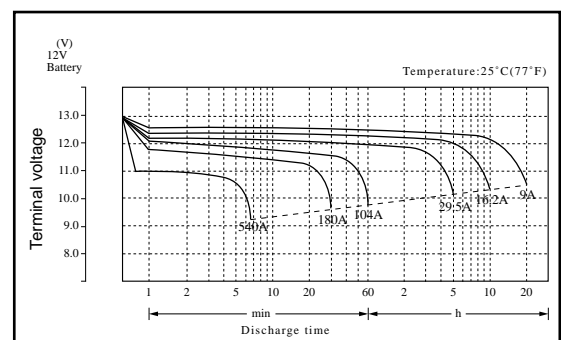


### Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		180AH
Dimension	Total Height (with terminals)	218mm(8.58inches)
	Height	214mm(8.43inches)
	Length	530mm(20.87inches)
	Width	209mm(8.23inches)
Weight		Approx.58.5kg(128.97lbs)

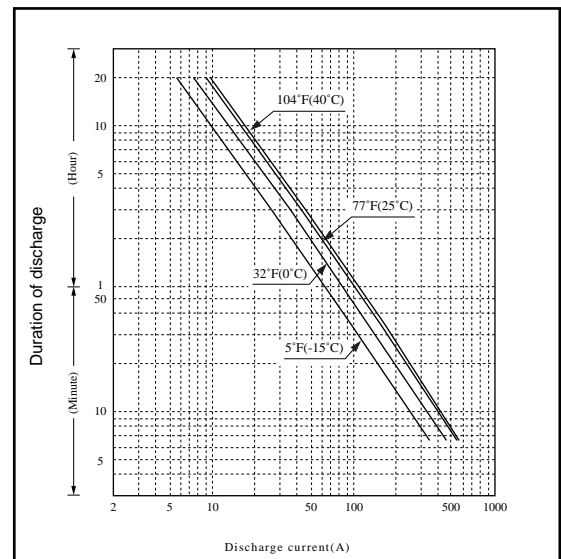
### Discharge characteristics 77°F(25°C)



### Characteristics

Capacity 77°F(25°C)	20 hour rate(9A)	180AH
	10 hour rate(16.2A)	162AH
	5 hour rate(29.5A)	147.6AH
	1 hour rate(104A)	104AH
Internal Resistance	Full charged Battery 77°F(25°C)	2.3mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)		2700A(5S)
Terminal	Standard	F17
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 36A Or Small 14.5V~14.9V/77°F(25°C)
	Float	13.6V~13.8V/77°F(25°C)

### Duration of discharge vs. Discharge current



### Constant Power Discharge Watts Per Cell @ 77°F(25°C)

Cut off voltageV/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60	893	698	572	371	276	220	130	90.8	61.6	40.4	34.3	29.7	15.4
1.65	852	674	556	365	273	219	131	90.1	61.2	40.4	34.3	29.7	15.4
1.67	843	665	547	362	271	216	131	89.2	61.0	40.4	34.3	29.7	15.4
1.70	801	639	529	357	268	214	130	88.7	60.8	40.4	34.3	29.7	15.4
1.75	757	605	507	348	261	213	129	88.2	60.3	40.0	33.9	29.7	15.4
1.80	710	571	485	338	253	212	128	87.6	59.8	39.5	33.5	29.4	15.4

**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.