

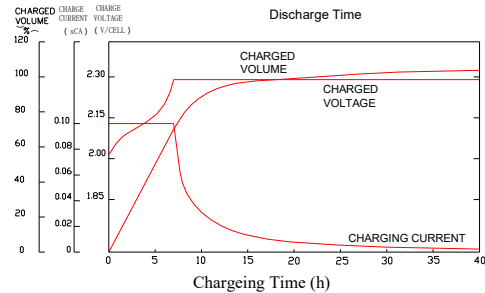
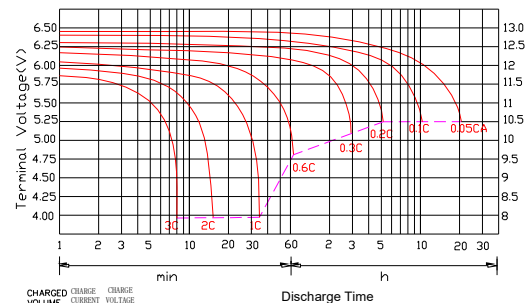
### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity</b>		<b>100Ah</b>
<b>Dimensions</b>	<b>Total Height</b>	<b>8.94 inches (227mm)</b>
	<b>Height</b>	<b>8.66 inches (220mm)</b>
	<b>Length</b>	<b>13.00 inches (330mm)</b>
	<b>Width</b>	<b>6.73 inches (171mm)</b>
<b>Approximate Weight</b>		<b>62.7 lbs. (28.5kg)</b>

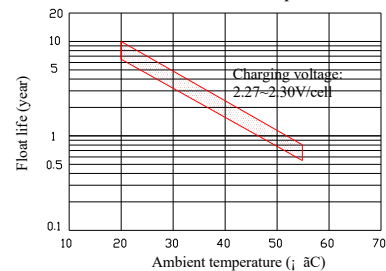
### Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20h rate</b>	<b>107Ah</b>
	<b>10h rate</b>	<b>100Ah</b>
	<b>5h rate</b>	<b>91Ah</b>
	<b>1h rate</b>	<b>62.4Ah</b>
	<b>15 min rate</b>	<b>40.8Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 5m Ω</b>
<b>Capacity Affected by Temperature (20h rate)</b>	<b>104°F(40°C)</b>	<b>102%</b>
	<b>77°F(25°C)</b>	<b>100%</b>
	<b>32°F(0°C)</b>	<b>85%</b>
	<b>5°F(-15°C)</b>	<b>65%</b>
<b>Ambient Temperature Discharge</b>	<b>-20° C(-4° F) ~50° C(122° F)</b>	
<b>Design Life</b>	<b>10 years for standby use at 20° C</b>	
<b>Self-Discharge 68°F(20°C) (Capacity after)</b>	<b>3 month storage</b>	<b>90%</b>
	<b>6 month storage</b>	<b>80%</b>
	<b>12 month storage</b>	<b>60%</b>
<b>Max. Discharge Current 77°F(25°C)</b>	<b>800A(5s)</b>	
<b>Terminal</b>	<b>T6/T12</b>	
<b>Charge (Constant Voltage, 25°C)</b>	<b>Cycle</b>	<b>14.4~14.7V(-24mV/°C) max. current: 30A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>

DISCHARGE CHARACTERISTICS AT 25j āC(77j āF)



Float service life V'S temperature



### Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	310	213	170	105	65.0	26.4	18.5	10.3	5.35
10.2V	295	203	163	101	62.4	26.0	18.2	10.2	5.35
10.5V	277	191	155	95.5	59.3	25.5	17.8	10.0	5.35

### Constant Wattage Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3259	2305	1864	1160	741	310	219	123	64.2
10.2V	3096	2189	1789	1128	711	306	215	122	64.2
10.5V	2910	2058	1700	1072	676	300	210	119	63.6