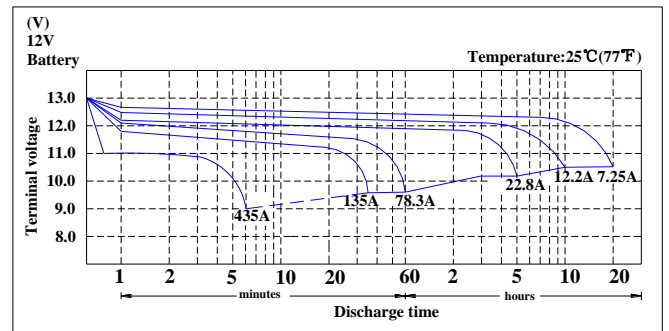


**Specifications**

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity (20 hour rate)</b>		<b>145AH</b>
<b>Dimension</b>	<b>Total Height (with terminals)</b>	<b>287mm(11.30inches)</b>
	<b>Height</b>	<b>281mm(11.06inches)</b>
	<b>Length</b>	<b>341mm(13.43inches)</b>
	<b>Width</b>	<b>173mm(6.81inches)</b>
<b>Weight</b>		<b>Approx.43.8kg (96.56lbs)</b>

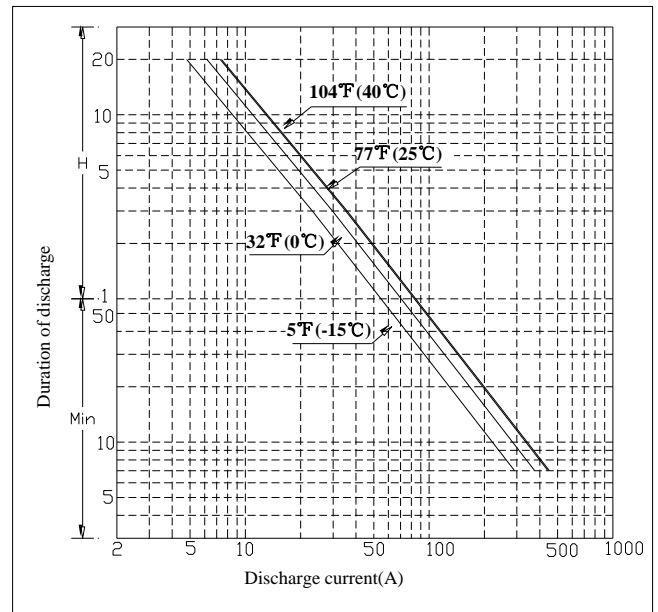
**Discharge characteristics 77 °F (25 °C)**



**Characteristics**

<b>Capacity 77°F (25°C)</b>	<b>20 hour rate (7.25A to 10.5Volts)</b>	<b>145AH</b>
	<b>10 hour rate (12.2A to 10.5Volts)</b>	<b>122AH</b>
	<b>5 hour rate (22.8A to 10.2Volts)</b>	<b>114AH</b>
<b>Internal Resistance</b>	<b>Full charged 77°F (25°C)</b>	<b>3.6mΩ</b>
<b>Capacity affected by Temperature (20 hour 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>Self-Discharge 77°F (25°C)</b>	<b>Capacity after 3 month storage</b>	<b>91%</b>
	<b>Capacity after 6 month storage</b>	<b>82%</b>
	<b>Capacity after 12 month storage</b>	<b>64%</b>
<b>Standard Terminal</b>	<b>M8</b>	
<b>Max. Discharge Current 77°F (25°C)</b>	<b>1400A (5s)</b>	
<b>Cranking Performance</b>	<b>Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C))</b>	<b>975A</b>
	<b>Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C))</b>	<b>820A</b>
<b>Reserve Capacity (Minutes to 10.5V at 80°F (27°C))</b>	<b>@ 25Amps</b>	<b>279Min</b>
	<b>@ 75Amps</b>	<b>86Min</b>
<b>Charging (Constant Voltage)</b>	<b>Cycle</b>	<b>Initial Charging Current 27A Or Small 14.4V~14.9V/77°F (25°C)</b>
	<b>Float</b>	<b>13.6V~13.8V/77°F (25°C)</b>

**Duration of discharge vs. Discharge current**



**Constant Current Discharge Rating Amperes @ 77°F (25°C)**

<b>Cut off voltage V/cell</b>	<b>30M</b>	<b>45M</b>	<b>1H</b>	<b>2H</b>	<b>3H</b>	<b>5H</b>	<b>8H</b>	<b>10H</b>	<b>12H</b>	<b>20H</b>	<b>24H</b>
<b>1.75V</b>	<b>135.3</b>	<b>99.9</b>	<b>82.4</b>	<b>43.7</b>	<b>32.9</b>	<b>23</b>	<b>15.8</b>	<b>13.1</b>	<b>11.1</b>	<b>7.25</b>	<b>6.1</b>