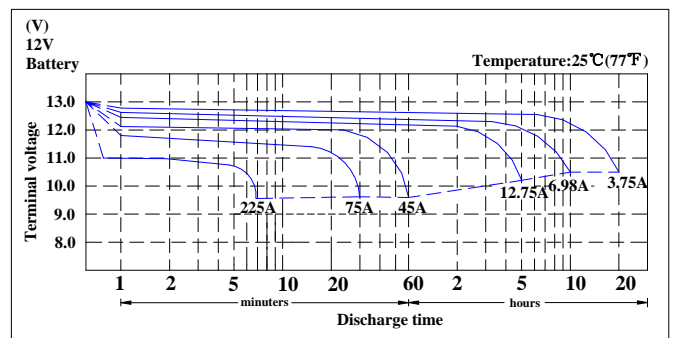


**Specifications**

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity (20 hour rate)</b>		<b>75AH</b>
<b>Dimension</b>	<b>Total Height (with terminals)</b>	<b>215mm(8.46 inches)</b>
	<b>Height</b>	<b>211mm(8.31 inches)</b>
	<b>Length</b>	<b>260mm(10.24inches)</b>
	<b>Width</b>	<b>169mm(6.69inches)</b>
<b>Weight</b>		<b>Approx.23.1kg (50.82lbs)</b>

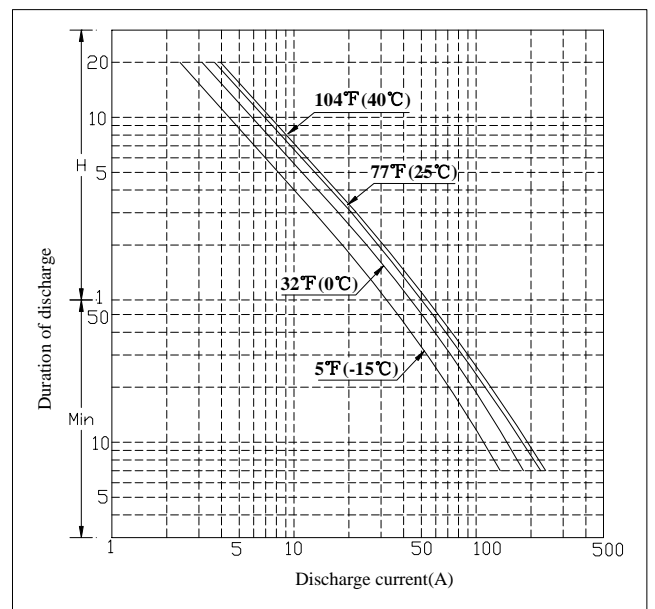
**Discharge characteristics 77 °F (25 °C)**



**Characteristics**

<b>Capacity 77°F (25°C)</b>	<b>20 hour rate (3.75A to 10.5Volts)</b>	<b>75AH</b>
	<b>10 hour rate (6.98A to 10.5Volts)</b>	<b>69.8AH</b>
	<b>5 hour rate (12.75A to 10.2Volts)</b>	<b>63.8AH</b>
	<b>1 hour rate (45A to 9.6Volts)</b>	<b>45AH</b>
<b>Internal Resistance</b>	<b>Full charged 77°F (25°C)</b>	<b>6m Ω</b>
<b>Standard Terminal</b>	<b>M6</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>Max. Discharge Current 77°F (25°C)</b>	<b>800A (5s)</b>	
<b>Maximum Charge Current(A)</b>	<b>15A</b>	
<b>Charging (Constant Voltage)</b>	<b>Cycle</b>	<b>14.5V~14.9V/77°F (25°C)</b>
	<b>Float</b>	<b>13.6V~13.8V/77°F (25°C)</b>
<b>Temperature compensation coefficient of charging voltage (mV/°C/cell)</b>	<b>Cycle</b>	<b>-4mV/°C/cell</b>
	<b>Float</b>	<b>-3mV/°C/cell</b>

**Duration of discharge vs. Discharge current**



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

<b>Cut off voltage V/cell</b>	<b>15M</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>118</b>	<b>74</b>	<b>53</b>	<b>43.2</b>	<b>24.6</b>	<b>18.4</b>	<b>12.5</b>	<b>8.53</b>	<b>6.98</b>	<b>5.94</b>	<b>3.75</b>	<b>3.14</b>

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