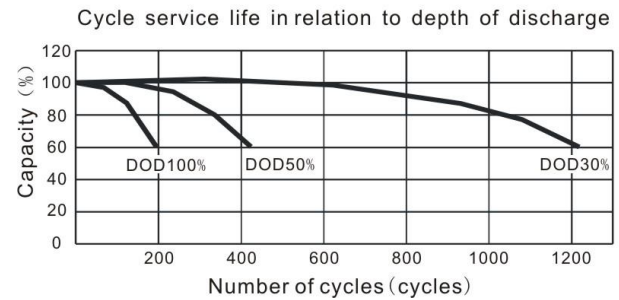
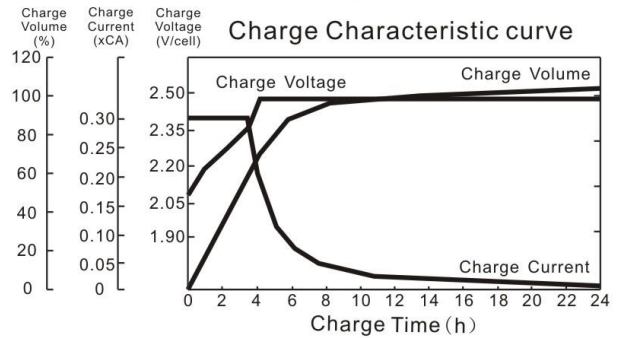
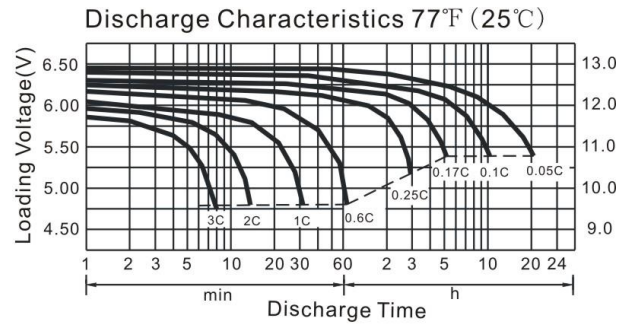


### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>7.5Ah</b>
<b>Dimensions (mm)</b>	<b>Length</b>	<b>151±2</b>
	<b>Width</b>	<b>65±1.5</b>
	<b>Height</b>	<b>95±1.5</b>
	<b>Total Height</b>	<b>101±2</b>
<b>Approx. Weight (kg)</b>		<b>2.25</b>
<b>Terminal</b>		<b>T1/T2</b>

### Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.375A)</b>	<b>7.50Ah</b>
	<b>10HR (0.698A)</b>	<b>6.98Ah</b>
	<b>5HR (1.275A)</b>	<b>6.38Ah</b>
	<b>1HR (4.575A)</b>	<b>4.58Ah</b>
	<b>15 min rate (13.88A)</b>	<b>3.47Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 22mΩ</b>
<b>Temperature dependence of capacity (20HR)</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 68°F(20°C) (Capacity after)</b>	<b>3 months</b>	<b>90%</b>
	<b>6 months</b>	<b>80%</b>
	<b>12 months</b>	<b>60%</b>
<b>Max. Discharge Current, 77°F(25°C)</b>		<b>113A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>5 years</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.5~14.9V(-24mV/°C) max. current: 2.25 A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>



### Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	28.50	18.00	13.88	7.50	4.75	2.68	1.96	1.320	0.882	0.720	0.386
1.70V/cell	27.08	17.10	13.25	7.17	4.58	2.57	1.91	1.298	0.870	0.713	0.383
1.75V/cell	26.55	16.73	13.01	7.02	4.49	2.53	1.88	1.275	0.855	0.698	0.379
1.80V/cell	26.03	16.35	12.78	6.89	4.42	2.48	1.85	1.253	0.848	0.690	0.375

### Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	51.75	33.00	25.67	14.00	8.94	5.09	3.75	2.550	1.718	1.418	0.765
1.70V/cell	49.65	31.65	24.74	13.50	8.69	4.93	3.70	2.528	1.710	1.410	0.758
1.75V/cell	49.13	31.20	24.51	13.34	8.61	4.89	3.66	2.505	1.695	1.395	0.754
1.80V/cell	48.60	30.83	24.29	13.20	8.54	4.84	3.63	2.483	1.680	1.380	0.750

