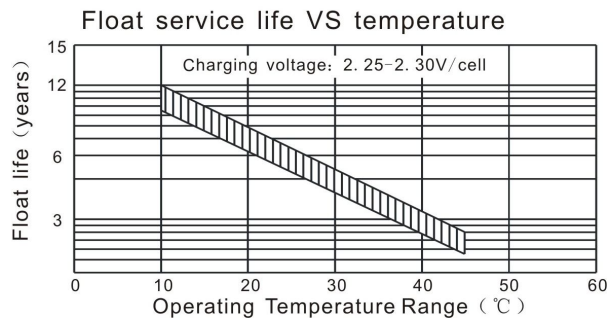
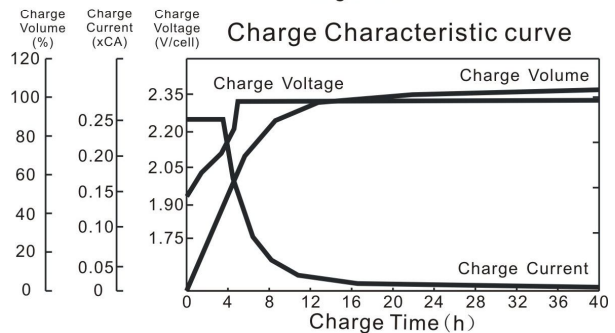
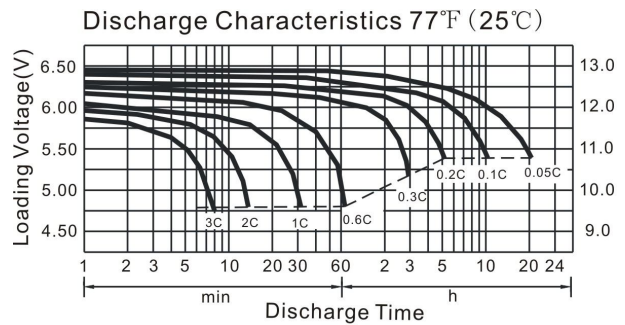


● **Specifications**

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (10HR)</b>		<b>90.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>307 (12.09)</b>
	<b>Width</b>	<b>169 (6.65)</b>
	<b>Height</b>	<b>208 (8.19)</b>
	<b>Total Height</b>	<b>211 (8.31)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>27 (59.52)</b>
<b>Terminal</b>		<b>T12</b>

● **Characteristic**

<b>Capacity 77°F(25°C)</b>	<b>20HR (4.77A)</b>	<b>95.4Ah</b>
	<b>10HR (9.00A)</b>	<b>90.0Ah</b>
	<b>5HR (15.3A)</b>	<b>76.5Ah</b>
	<b>1HR (49.5A)</b>	<b>49.5Ah</b>
	<b>15 min rate (157.5A)</b>	<b>39.4Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 5mΩ</b>
<b>Temperature dependence of capacity (10HR)</b>	<b>104°F(40°C)</b>	<b>105%</b>
	<b>77°F(25°C)</b>	<b>100%</b>
	<b>32°F(0°C)</b>	<b>85%</b>
	<b>-4°F(-20°C)</b>	<b>60%</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>720A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>12 years</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.4~14.7V(-24mV/°C) max. current: 22.5 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	306.0	198.0	157.5	90.0	52.2	32.42	23.90	16.16	10.80	9.39	4.91
1.70V/cell	290.7	188.1	150.4	86.1	50.4	31.19	23.36	15.86	10.69	9.29	4.86
1.75V/cell	277.2	176.4	147.7	84.3	49.5	30.60	22.90	15.57	10.47	9.14	4.82
1.80V/cell	260.1	162.9	145.1	82.6	48.7	30.07	22.50	15.30	10.35	9.00	4.77

**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	543.1	359.7	288.7	165.7	96.7	60.53	45.02	30.70	20.70	18.31	9.57
1.70V/cell	520.9	344.9	278.2	160.0	94.1	58.74	44.38	30.40	20.67	18.22	9.56
1.75V/cell	501.3	326.4	275.7	158.1	93.3	58.14	43.89	30.10	20.41	18.13	9.55
1.80V/cell	459.7	304.1	273.3	156.4	92.5	57.64	43.50	29.84	20.36	18.00	9.54