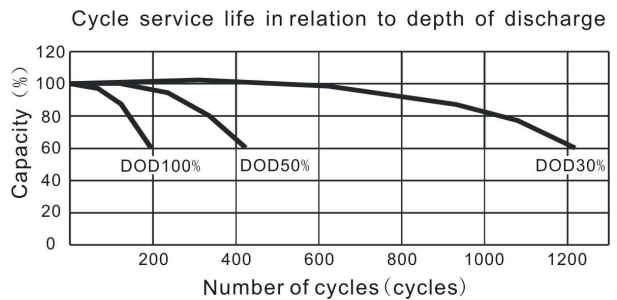
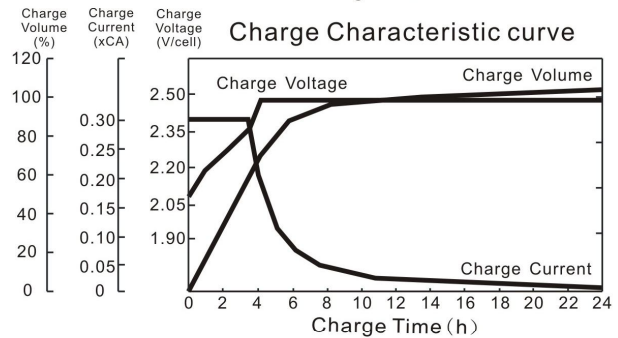
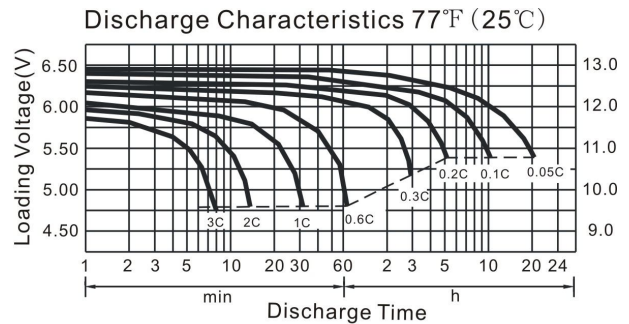


● **Specifications**

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>12.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>151 (5.95)</b>
	<b>Width</b>	<b>98 (3.86)</b>
	<b>Height</b>	<b>95 (3.74)</b>
	<b>Total Height</b>	<b>101 (3.98)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>3.7 (8.16)</b>
<b>Terminal</b>		<b>T1/T2</b>

● **Characteristic**

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.60A)</b>	<b>12.0Ah</b>
	<b>10HR (1.12A)</b>	<b>11.2Ah</b>
	<b>5HR (2.04A)</b>	<b>10.2Ah</b>
	<b>1HR (7.32A)</b>	<b>7.32Ah</b>
	<b>15 min rate (22.2A)</b>	<b>5.6Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 18mΩ</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>180A(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: 3.6 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	45.6	28.8	22.20	12.00	7.60	4.28	3.13	2.12	1.41	1.15	0.62
1.70V/cell	43.3	27.4	21.20	11.47	7.32	4.12	3.06	2.08	1.40	1.14	0.61
1.75V/cell	42.5	26.8	20.82	11.23	7.19	4.04	3.00	2.04	1.37	1.12	0.60
1.80V/cell	41.6	26.2	20.45	11.02	7.06	3.97	2.95	2.01	1.35	1.10	0.60

**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	82.8	52.8	41.08	22.40	14.30	8.14	6.00	4.08	2.75	2.27	1.22
1.70V/cell	79.4	50.6	39.58	21.60	13.91	7.88	5.92	4.04	2.74	2.26	1.21
1.75V/cell	78.6	49.9	39.22	21.34	13.78	7.82	5.86	4.01	2.71	2.23	1.20
1.80V/cell	77.8	49.3	38.86	21.12	13.67	7.74	5.81	3.97	2.69	2.21	1.20