

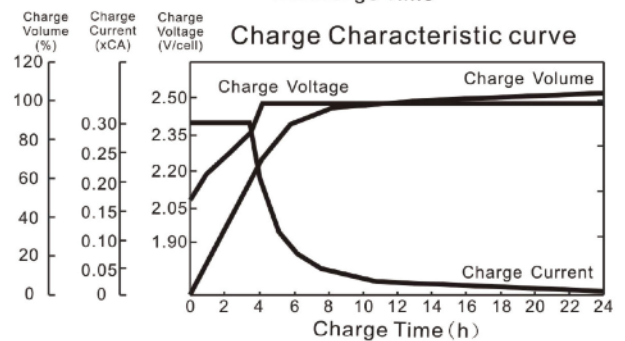
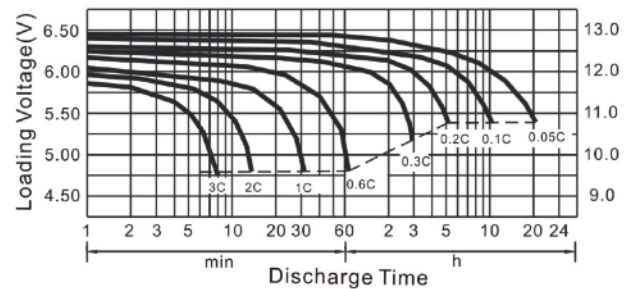
## ● Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>7.2Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>151 (5.95)</b>
	<b>Width</b>	<b>65 (2.56)</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>2.09 (4.61)</b>
<b>Terminal</b>		<b>T1/T2</b>

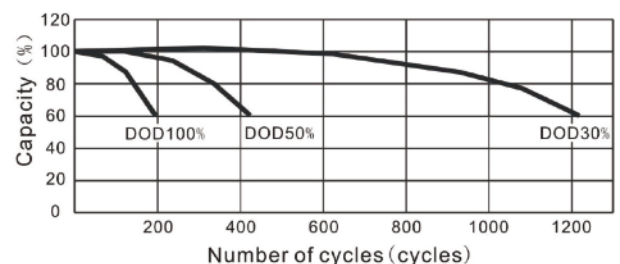
## ● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.360A)</b>	<b>7.20Ah</b>
	<b>10HR (0.670A)</b>	<b>6.70Ah</b>
	<b>5HR (1.224A)</b>	<b>6.12Ah</b>
	<b>1HR (4.392A)</b>	<b>4.39Ah</b>
	<b>15 min rate (13.32A)</b>	<b>3.33Ah</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>108A(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: 2.16 A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>

Discharge Characteristics 77°F (25°C)



Cycle service life in relation to depth of discharge



### 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	27.36	17.28	13.32	7.20	4.56	2.57	1.88	1.267	0.847	0.691	0.371
1.70V/cell	26.00	16.42	12.72	6.88	4.39	2.47	1.83	1.246	0.835	0.684	0.367
1.75V/cell	25.49	16.06	12.49	6.74	4.31	2.43	1.80	1.224	0.821	0.670	0.364
1.80V/cell	25.00	15.70	12.27	6.61	4.24	2.38	1.78	1.203	0.814	0.662	0.360

### 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	49.68	31.68	24.64	13.44	8.58	4.89	3.60	2.448	1.649	1.361	0.734
1.70V/cell	47.66	30.38	23.75	12.96	8.34	4.73	3.55	2.427	1.642	1.354	0.728
1.75V/cell	47.16	29.95	23.53	12.81	8.27	4.69	3.51	2.405	1.627	1.339	0.724
1.80V/cell	46.66	29.60	23.32	12.67	8.20	4.65	3.48	2.384	1.613	1.325	0.720