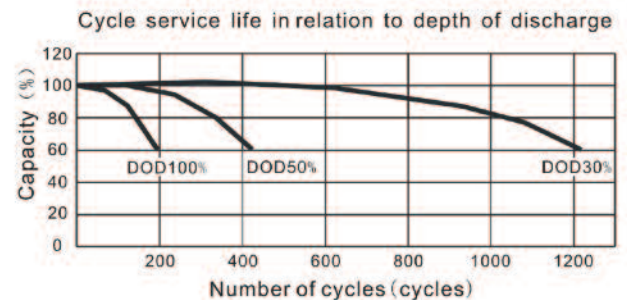
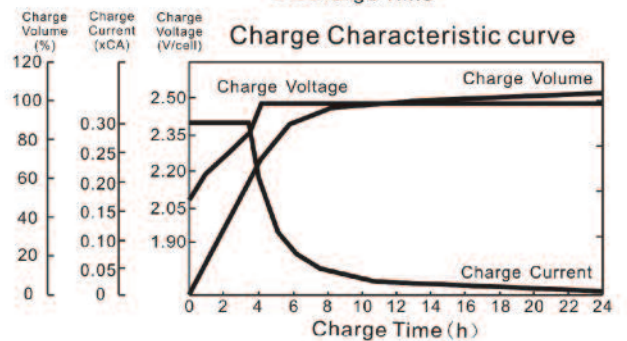
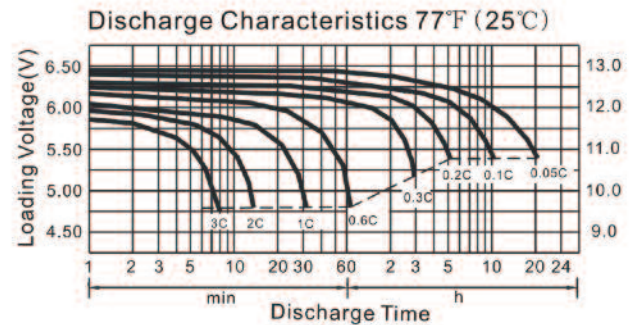


## ● Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>3.2Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>134 (5.28)</b>
	<b>Width</b>	<b>67 (2.64)</b>
	<b>Height</b>	<b>61 (2.40)</b>
	<b>Total Height</b>	<b>67 (2.64)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>1.4 (0.635)</b>
<b>Terminal</b>		<b>T1-A</b>

## ● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.160A)</b>	<b>3.20Ah</b>
	<b>10HR (0.298A)</b>	<b>2.98Ah</b>
	<b>5HR (0.544A)</b>	<b>2.72Ah</b>
	<b>1HR (1.952A)</b>	<b>1.95Ah</b>
	<b>15 min rate (5.92A)</b>	<b>5.92Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 45mΩ</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>48A(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: 0.96A</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	12.16	7.68	5.92	3.20	2.02	1.14	0.84	0.563	0.374	0.307	0.165
1.70V/cell	11.59	7.30	5.66	3.06	1.95	1.10	0.82	0.554	0.371	0.304	0.163
1.75V/cell	11.32	7.14	5.55	3.00	1.92	1.08	0.80	0.544	0.365	0.298	0.162
1.80V/cell	11.12	6.98	5.46	2.94	1.89	1.06	0.79	0.534	0.362	0.294	0.160

### 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	22.08	14.08	10.95	5.97	3.81	2.16	1.60	1.088	0.733	0.605	0.326
1.70V/cell	21.20	13.50	10.55	5.76	3.71	2.10	1.58	1.078	0.730	0.602	0.324
1.75V/cell	20.96	13.31	10.46	5.69	3.67	2.09	1.56	1.069	0.723	0.595	0.322
1.80V/cell	20.72	13.15	10.36	5.63	3.65	2.06	1.55	1.059	0.717	0.589	0.320