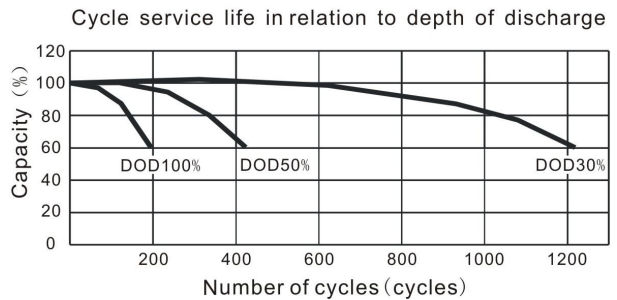
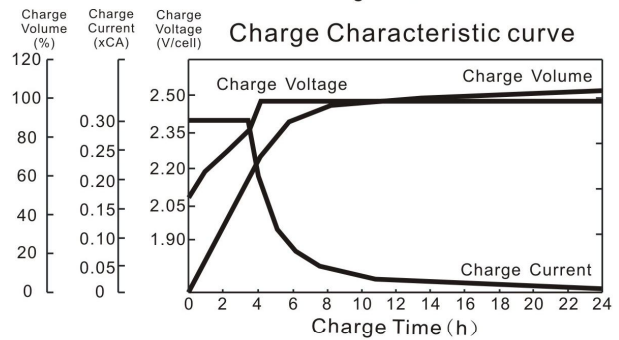
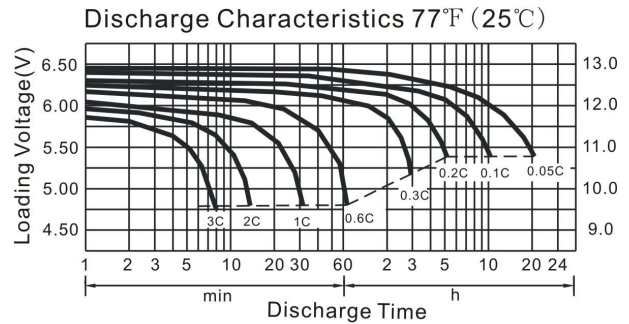


● **Specifications**

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>28.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>175 (6.89)</b>
	<b>Width</b>	<b>166 (6.54)</b>
	<b>Height</b>	<b>125 (4.92)</b>
	<b>Total Height</b>	<b>128 (5.04)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>8.8 (19.40)</b>
<b>Terminal</b>		<b>T10</b>

● **Characteristic**

<b>Capacity 77°F(25°C)</b>	<b>20HR (1.40A)</b>	<b>28.0Ah</b>
	<b>10HR (2.60A)</b>	<b>26.0Ah</b>
	<b>5HR (4.76A)</b>	<b>23.8Ah</b>
	<b>1HR (17.1A)</b>	<b>17.1Ah</b>
	<b>15 min rate (51.8A)</b>	<b>13.0Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 10mΩ</b>
<b>Temperature dependence of capacity (20HR)</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>420A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>6 years</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.5~14.9V(-24mV/°C) max. current: 8.4 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	106.4	67.2	51.8	28.0	17.72	9.99	7.31	4.93	3.28	2.69	1.44
1.70V/cell	101.1	63.8	49.5	26.8	17.08	9.60	7.14	4.84	3.25	2.66	1.43
1.75V/cell	99.1	62.4	48.6	26.2	16.77	9.44	7.00	4.76	3.19	2.60	1.41
1.80V/cell	97.2	61.0	47.7	25.7	16.49	9.27	6.89	4.68	3.16	2.58	1.40

**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	172.5	123.2	95.8	52.3	33.38	18.98	14.00	9.52	6.41	5.29	2.85
1.70V/cell	185.4	118.2	92.3	50.4	32.45	18.40	13.80	9.44	6.38	5.26	2.84
1.75V/cell	183.4	116.5	91.5	49.8	32.14	18.26	13.66	9.35	6.33	5.21	2.82
1.80V/cell	181.4	115.1	90.7	49.3	31.89	18.06	13.55	9.27	6.27	5.15	2.80