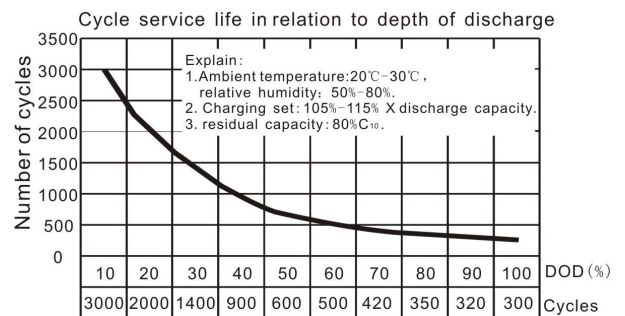
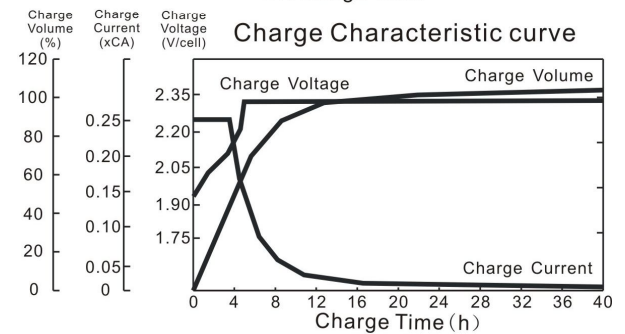
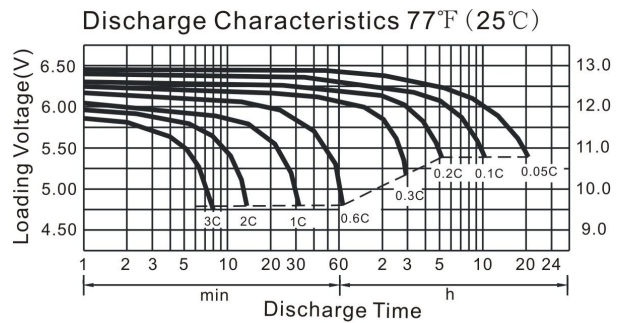


● Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (10HR)</b>		<b>80.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>355 (13.98)</b>
	<b>Width</b>	<b>167 (6.57)</b>
	<b>Height</b>	<b>179 (7.05)</b>
	<b>Total Height</b>	<b>183 (7.20)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>24.5 (54.01)</b>
<b>Terminal</b>		<b>T5/T12</b>

● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (4.40A)</b>	<b>88.0Ah</b>
	<b>10HR (8.16A)</b>	<b>81.6Ah</b>
	<b>5HR (14.0A)</b>	<b>70.0Ah</b>
	<b>1HR (46.4A)</b>	<b>46.4Ah</b>
	<b>15 min rate (140.0A)</b>	<b>35.0Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 5.5mΩ</b>
<b>Temperature dependence of capacity (10HR)</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>640A(5s)</b>
<b>Design life for deep cycle(DOD80%), 77°F(25°C)</b>		<b>300 Cycles</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.4~14.7V(-24mV/°C) max. current: 20 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	272.0	176.0	140.0	80.0	48.28	29.96	22.43	14.78	9.77	8.51	4.53
1.70V/cell	258.4	167.2	133.7	76.5	47.24	29.35	21.99	14.51	9.63	8.40	4.48
1.75V/cell	246.4	156.8	131.3	74.9	46.40	28.80	21.59	14.25	9.50	8.28	4.44
1.80V/cell	231.2	144.8	129.0	73.4	45.64	28.30	21.20	14.00	9.36	8.16	4.40

**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	482.8	319.7	256.6	147.3	89.32	55.93	42.25	28.09	18.73	16.60	8.83
1.70V/cell	463.0	306.6	247.3	142.2	88.18	55.28	41.78	27.81	18.62	16.52	8.82
1.75V/cell	445.6	290.1	245.0	140.5	87.38	54.72	41.38	27.54	18.51	16.42	8.81
1.80V/cell	421.9	270.3	242.9	139.0	86.72	54.25	40.98	27.29	18.40	16.32	8.80