

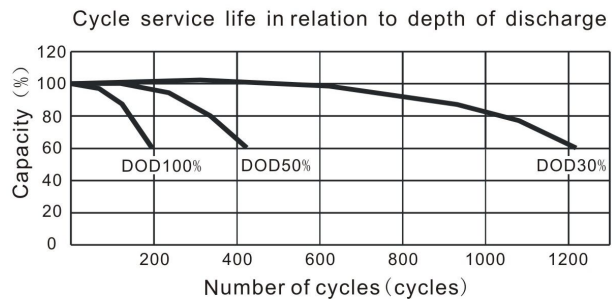
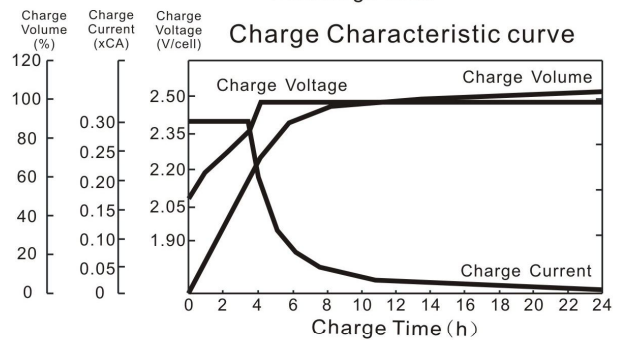
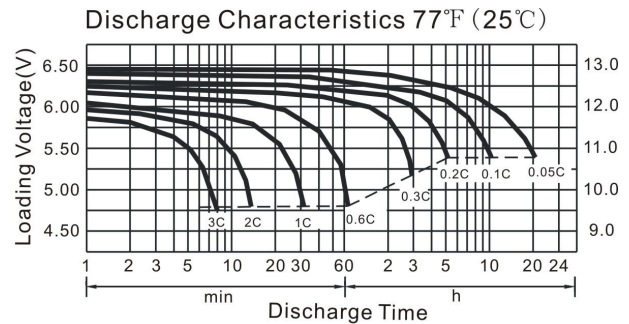
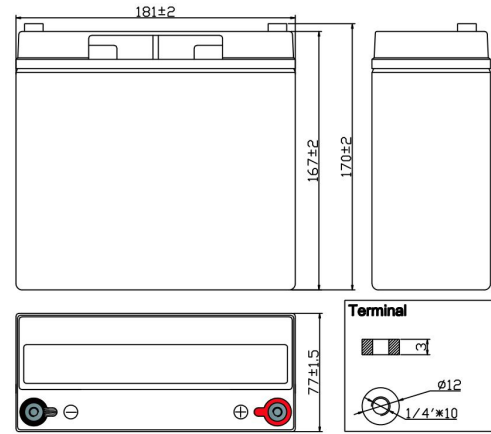


### ● Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>20.0Ah</b>
<b>Dimensions (mm)</b>	<b>Length</b>	<b>181±2</b>
	<b>Width</b>	<b>77±1.5</b>
	<b>Height</b>	<b>167±2</b>
	<b>Total Height</b>	<b>170±2</b>
<b>Approx. Weight (kg)</b>		<b>5.8±3%</b>
<b>Terminal</b>		<b>T10</b>

### ● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (1.00A)</b>	<b>20.0Ah</b>
	<b>10HR (1.86A)</b>	<b>19.6Ah</b>
	<b>5HR (3.40A)</b>	<b>17.0Ah</b>
	<b>1HR (12.2A)</b>	<b>12.2Ah</b>
	<b>15 min rate (37.0A)</b>	<b>9.25Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 16mΩ</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>300A(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: 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	76.0	48.0	37.0	20.00	12.66	7.14	5.22	3.52	2.35	1.92	1.03
1.70V/cell	72.2	45.6	35.3	19.12	12.20	6.86	5.10	3.46	2.33	1.90	1.02
1.75V/cell	70.8	44.6	34.7	18.72	11.98	6.74	5.00	3.40	2.28	1.86	1.01
1.80V/cell	69.4	43.6	34.1	18.36	11.78	6.62	4.92	3.34	2.25	1.84	1.00

### 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	138.0	88.0	68.4	37.34	23.84	13.56	10.00	6.80	4.58	3.78	2.04
1.70V/cell	132.4	84.4	65.9	36.00	23.18	13.14	9.86	6.74	4.56	3.76	2.03
1.75V/cell	131.0	83.2	65.3	35.56	22.96	13.04	9.76	6.68	4.52	3.72	2.02
1.80V/cell	129.6	82.2	64.7	35.20	22.78	12.90	9.68	6.62	4.48	3.68	2.00