

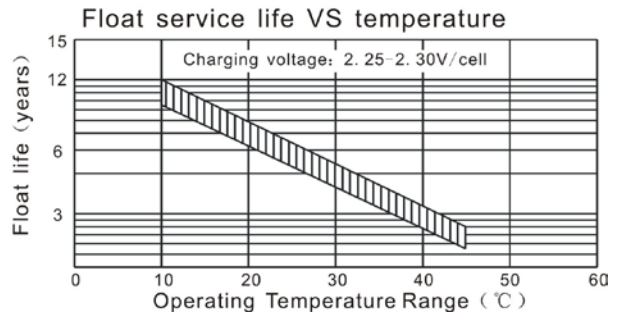
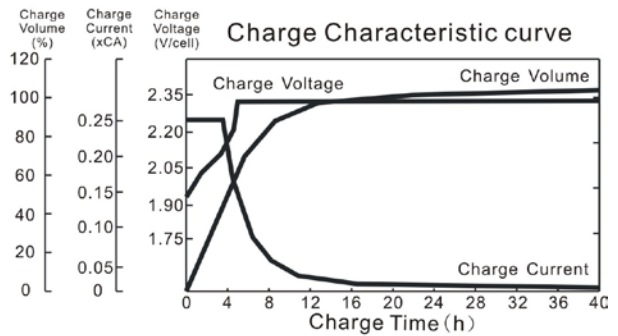
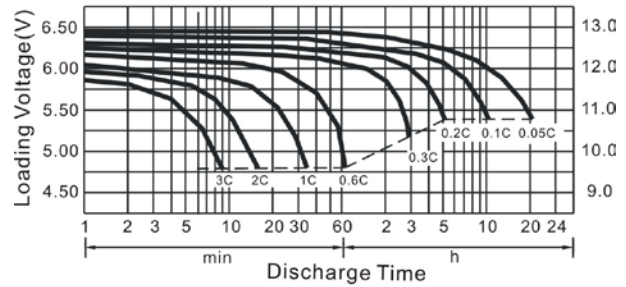
### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (10HR)</b>		<b>33.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>195 (7.68)</b>
	<b>Width</b>	<b>130 (5.12)</b>
	<b>Height</b>	<b>155 (6.10)</b>
	<b>Total Height</b>	<b>180 (7.09)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>10.2 (22.49)</b>
<b>Terminal</b>		<b>T8/T11</b>

### Characteristic

<b>Capacity 77°F(25°C)</b>	<b>10HR (3.30A)</b>	<b>33.0Ah</b>
	<b>5HR (5.61A)</b>	<b>28.1Ah</b>
	<b>1.5HR (15.91A)</b>	<b>23.8Ah</b>
	<b>1HR (20.52A)</b>	<b>20.5Ah</b>
	<b>15 min rate (67.98A)</b>	<b>17.0Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 10mΩ</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>330A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>10 years</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.4~14.7V(-24mV/°C) max. current: 8.25 A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>

Discharge Characteristics 77°F (25°C)



### Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	124.8	102.4	84.42	67.98	53.55	38.97	21.82	17.16	8.76	5.92	3.44
1.70V/cell	114.7	94.68	79.02	63.78	49.99	36.89	21.02	16.50	8.56	5.81	3.40
1.75V/cell	105.6	89.28	74.94	60.42	47.58	35.54	20.54	16.19	8.39	5.71	3.35
1.80V/cell	96.96	83.94	71.34	57.81	46.07	34.05	20.05	15.91	8.25	5.61	3.30

### Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	219.5	181.8	153.3	124.6	98.64	71.76	40.35	31.90	16.50	11.28	6.72
1.70V/cell	205.5	171.2	146.3	119.0	93.72	69.18	39.60	31.21	16.27	11.12	6.70
1.75V/cell	191.0	162.9	139.8	113.9	90.00	67.20	39.00	30.89	16.09	11.02	6.65
1.80V/cell	176.9	154.7	134.4	109.8	87.12	64.98	38.41	30.63	15.95	10.96	6.60