

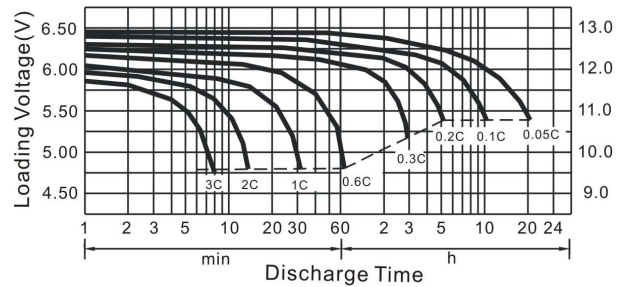
● Specifications

<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>10.5 (23.15)</b>
<b>Terminal</b>		<b>T8/T11</b>

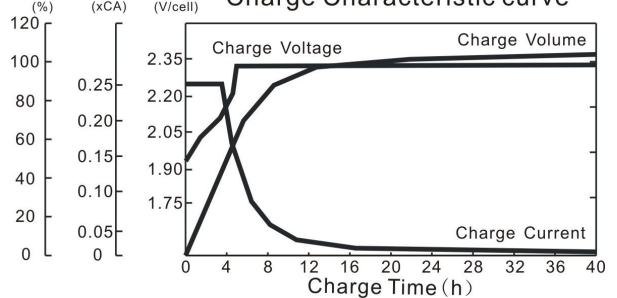
● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (1.75A)</b>	<b>35.0Ah</b>
	<b>10HR (3.30A)</b>	<b>33.0Ah</b>
	<b>5HR (5.61A)</b>	<b>28.1Ah</b>
	<b>1HR (18.15A)</b>	<b>18.2Ah</b>
	<b>15 min rate (57.75A)</b>	<b>14.4Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 10.5mΩ</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>330A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>12 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>

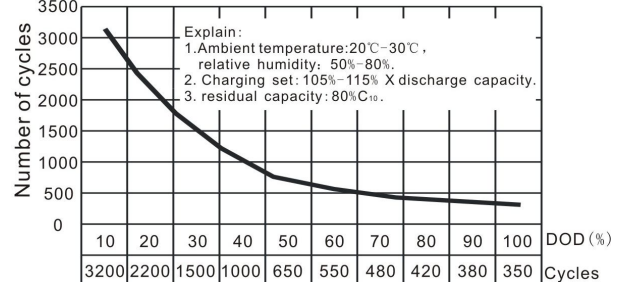
Discharge Characteristics 77°F (25°C)



Charge Characteristic curve



Cycle service life in relation to depth of discharge



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	112.2	92.6	57.7	33.0	19.1	11.88	8.76	5.92	3.96	3.44	1.80
1.70V/cell	106.6	69.0	55.1	31.6	18.5	11.44	8.56	5.81	3.92	3.40	1.78
1.75V/cell	101.6	64.7	54.2	30.9	18.2	11.22	8.39	5.71	3.84	3.35	1.77
1.80V/cell	95.4	59.8	53.2	30.3	17.9	11.03	8.25	5.61	3.80	3.30	1.75

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	199.1	131.8	105.8	60.7	35.4	22.20	16.50	11.28	7.60	6.72	3.51
1.70V/cell	191.0	126.4	102.0	58.6	34.5	21.54	16.27	11.12	7.58	6.70	3.51
1.75V/cell	183.8	119.7	101.1	57.9	34.2	21.32	16.09	11.02	7.52	6.65	3.51
1.80V/cell	174.1	111.5	100.2	57.4	33.9	21.13	15.95	10.96	7.46	6.60	3.50