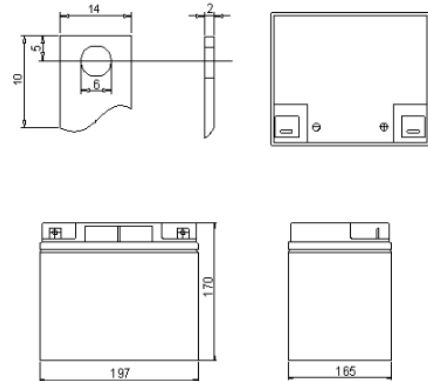


## BA07-2

### Sealed Lead Acid (SLA) Battery 12V 40Ah

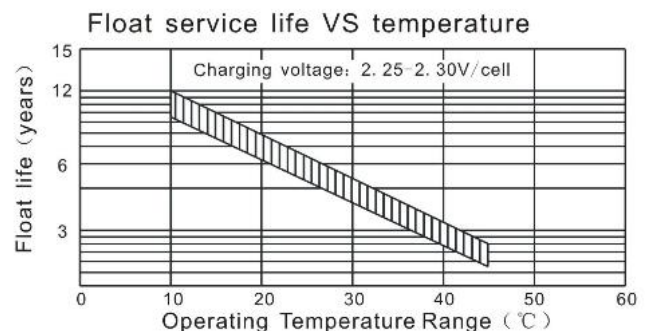
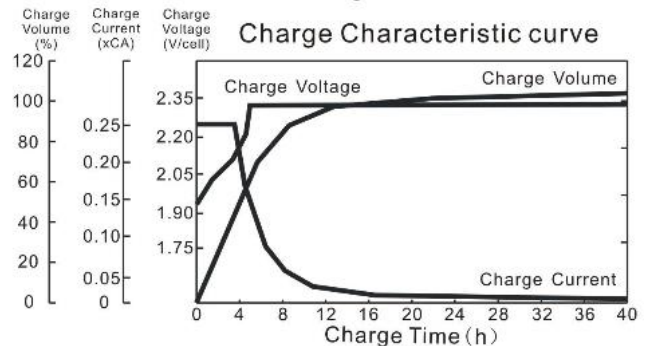
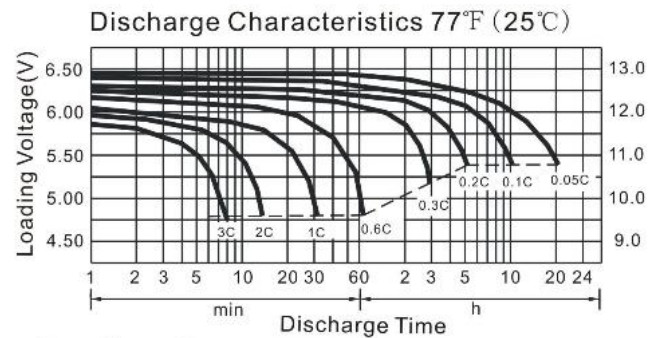


#### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (10HR)</b>		<b>40.0Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>197 (7.76)</b>
	<b>Width</b>	<b>165 (6.50)</b>
	<b>Height</b>	<b>170 (6.69)</b>
	<b>Total Height</b>	<b>170 (6.69)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>12.6 (27.78)</b>
<b>Terminal</b>		<b>T4/T11</b>

#### Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (2.12A)</b>	<b>42.4Ah</b>
	<b>10HR (4.00A)</b>	<b>40.0Ah</b>
	<b>5HR (6.80A)</b>	<b>34.0Ah</b>
	<b>1HR (22.0A)</b>	<b>22.0Ah</b>
	<b>15 min rate (70.0A)</b>	<b>17.5Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 9.5mΩ</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>320A(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: 10 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	136.0	88.0	70.0	40.0	23.2	14.41	10.62	7.18	4.80	4.17	2.18
1.70V/cell	129.2	83.6	66.9	38.3	22.4	13.86	10.38	7.20	4.75	4.12	2.16
1.75V/cell	123.2	78.4	65.7	37.5	22.0	13.60	10.18	6.92	4.65	4.06	2.14
1.80V/cell	115.6	72.4	64.5	36.7	21.6	13.36	10.00	6.80	4.60	4.00	2.12

#### 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	241.4	159.8	128.3	73.6	43.0	26.90	20.01	13.65	9.22	8.14	4.27
1.70V/cell	231.5	153.3	123.7	71.1	41.8	26.11	19.73	13.51	9.19	8.11	4.26
1.75V/cell	222.8	145.1	122.5	70.3	41.5	25.84	19.51	13.38	9.11	8.05	4.25
1.80V/cell	211.0	135.2	121.5	69.5	41.1	25.62	19.33	13.26	9.05	8.00	4.24