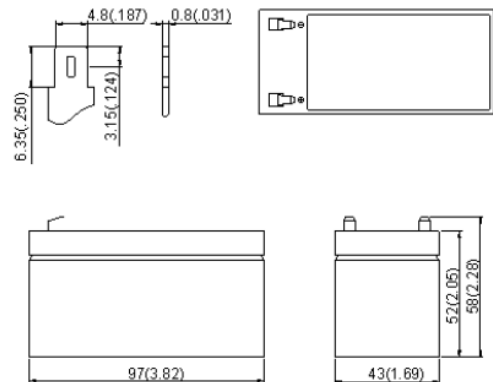


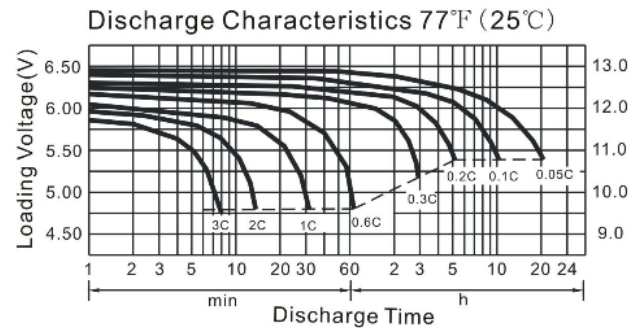
## BA02-2

### Sealed Lead Acid (SLA) Battery 12V 1.3Ah



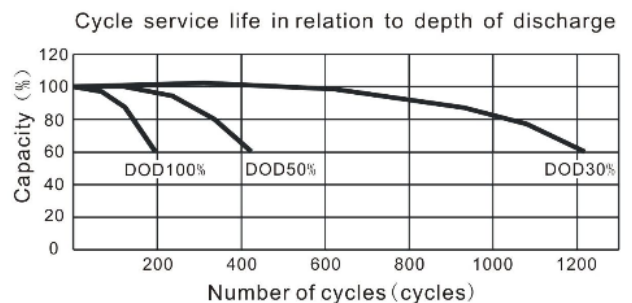
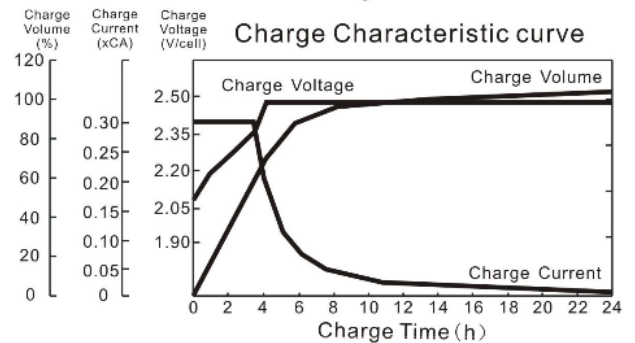
#### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity 77°F(25°C) (20HR)</b>		<b>1.2Ah</b>
<b>Dimensions (mm/inch)</b>	<b>Length</b>	<b>97 (3.82)</b>
	<b>Width</b>	<b>43 (1.69)</b>
	<b>Height</b>	<b>52 (2.05)</b>
	<b>Total Height</b>	<b>58 (2.28)</b>
<b>Approx. Weight (kg/lbs)</b>		<b>0.6 (1.32)</b>
<b>Terminal</b>		<b>T1</b>



#### Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20HR (0.060A)</b>	<b>1.20Ah</b>
	<b>10HR (0.112A)</b>	<b>1.12Ah</b>
	<b>5HR (0.204A)</b>	<b>1.02Ah</b>
	<b>1HR (0.732A)</b>	<b>0.73Ah</b>
	<b>15 min rate (2.22A)</b>	<b>0.56Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 85mΩ</b>
<b>Temperature dependence of capacity (20HR)</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>18A(5s)</b>
<b>Floating design life, 77°F(25°C)</b>		<b>5 years</b>
<b>Constant Voltage Charge, 77°F(25°C)</b>	<b>Cycle</b>	<b>14.5~14.9V(-24mV/°C) max. current: 0.36 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	4.56	2.88	2.22	1.200	0.759	0.428	0.313	0.211	0.140	0.116	0.061
1.70V/cell	4.33	2.74	2.12	1.147	0.732	0.412	0.306	0.208	0.139	0.114	0.061
1.75V/cell	4.25	2.68	2.08	1.123	0.719	0.404	0.300	0.204	0.137	0.112	0.060
1.80V/cell	4.16	2.62	2.04	1.102	0.707	0.397	0.295	0.200	0.136	0.110	0.060

#### 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	8.28	5.28	4.11	2.240	1.430	0.813	0.600	0.408	0.275	0.227	0.121
1.70V/cell	7.94	5.06	3.96	2.160	1.391	0.788	0.592	0.404	0.273	0.225	0.121
1.75V/cell	7.86	4.99	3.92	2.134	1.378	0.782	0.586	0.401	0.271	0.223	0.120
1.80V/cell	7.77	4.93	3.88	2.112	1.367	0.774	0.581	0.397	0.269	0.221	0.120