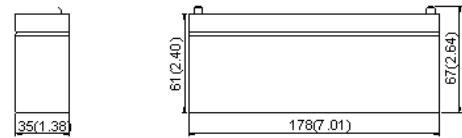
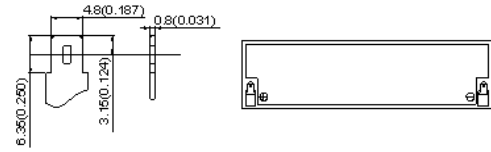


# PS2.3-12 (12V2.3Ah)

## Sealed Lead-Acid Battery



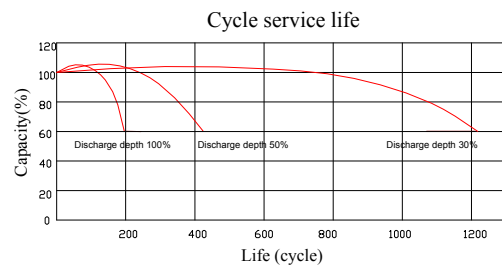
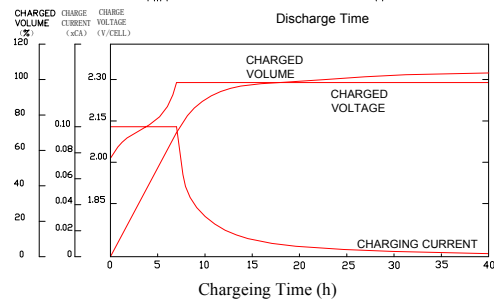
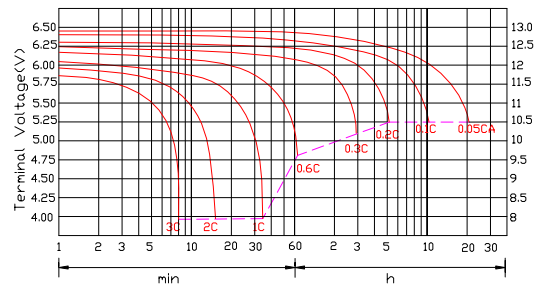
### Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity</b>		<b>2.3Ah</b>
<b>Dimensions</b>	<b>Total Height</b>	<b>2.64 inches (67mm)</b>
	<b>Height</b>	<b>2.40 inches (61mm)</b>
	<b>Length</b>	<b>7.01 inches (178mm)</b>
	<b>Width</b>	<b>1.38 inches (35mm)</b>
<b>Approximate Weight</b>		<b>2.16 lbs. (0.98kg)</b>

### Characteristics

<b>Capacity</b> 77°F(25°C)	<b>20h rate (0.115A)</b>	<b>2.3Ah</b>
	<b>10h rate (0.21A)</b>	<b>2.1Ah</b>
	<b>5h rate (0.37A)</b>	<b>1.96Ah</b>
	<b>1h rate (1.56A)</b>	<b>1.38Ah</b>
	<b>15 min rate (4.16A)</b>	<b>1.04Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery</b> 77°F(25°C)	<b>65m Ω</b>
<b>Capacity</b> <b>Affected by</b> <b>Temperature</b> <b>(20h rate)</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</b> 68°F(20°C) <b>(Capacity after)</b>	<b>3 month storage</b>	<b>90%</b>
	<b>6 month storage</b>	<b>80%</b>
	<b>12 month storage</b>	<b>60%</b>
<b>Max. Discharge</b> <b>Current 77°F(25°C)</b>	<b>34.5A(5s)</b>	
<b>Terminal</b>	<b>T1</b>	
<b>Charge</b> <b>(Constant Voltage,25°C)</b>	<b>Cycle</b>	<b>14.5~14.9V(-24mV/°C)</b> <b>max. current: 0.69 A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>

DISCHARGE CHARACTERISTICS AT 25° C(77° F)



### Constant Current Diacharge Characteristics (A,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	9.20	5.80	4.50	2.60	1.54	0.59	0.40	0.21	0.117
10.2V	8.74	5.51	4.32	2.50	1.48	0.58	0.39	0.2	0.116
10.5V	8.22	5.18	4.10	2.37	1.40	0.57	0.38	0.2	0.115

### Constant Wattage Diacharge Characteristics (Watt,25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	103	65.4	51.3	29.8	17.8	6.99	4.73	2.67	1.34
10.2V	97.5	62.2	49.2	28.6	17.1	6.89	4.66	2.64	1.33
10.5V	91.7	58.4	46.8	27.2	16.3	6.75	4.56	2.66	1.32