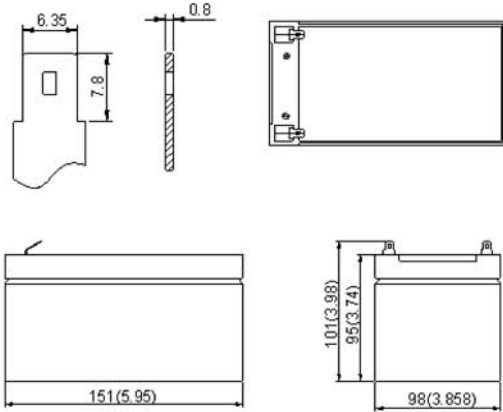


**VS Series SLA Battery**



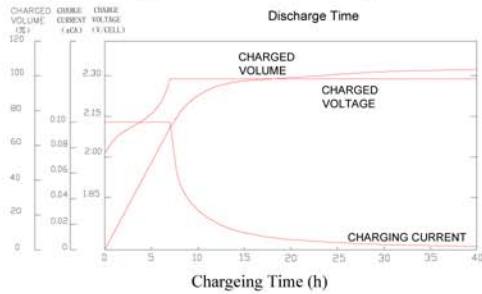
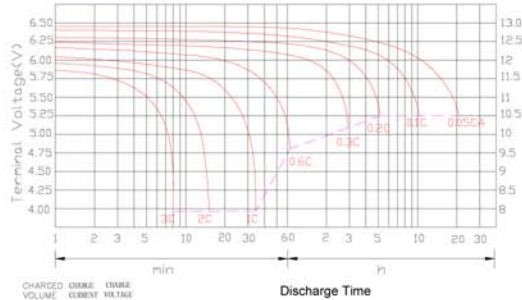
● Specifications

<b>Nominal Voltage</b>		<b>12V</b>
<b>Rated Capacity</b>		<b>12Ah</b>
<b>Dimensions</b>	<b>Total Height</b>	<b>3.98 inches (101mm)</b>
	<b>Height</b>	<b>3.74 inches (95mm)</b>
	<b>Length</b>	<b>5.95 inches (151mm)</b>
	<b>Width</b>	<b>3.86 inches (98mm)</b>
<b>Approximate Weight</b>		<b>7.94 lbs. (3.6kg)</b>

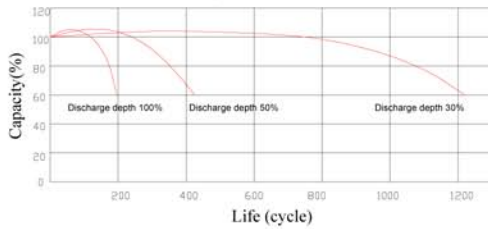
● Characteristic

<b>Capacity 77°F(25°C)</b>	<b>20h rate</b>	<b>12.0Ah</b>
	<b>10h rate</b>	<b>11.1Ah</b>
	<b>5h rate</b>	<b>10.2Ah</b>
	<b>1h rate</b>	<b>7.2Ah</b>
	<b>15 min rate</b>	<b>5.4Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 77°F(25°C)</b>	<b>Approx. 20m Ω</b>
<b>Capacity Affected by Temperature (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 68°F(20°C) (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 Current 77°F(25°C)</b>	<b>180A(5s)</b>	
<b>Terminal</b>	<b>T2</b>	
<b>Charge (Constant Voltage, 25°C)</b>	<b>Cycle</b>	<b>14.5~14.9V(-24mV/°C) max. current: 3.6 A</b>
	<b>Float</b>	<b>13.6~13.8V(-18mV/°C)</b>

DISCHARGE CHARACTERISTICS AT 25° C(77° F)



Cycle service life



**Constant Current Discharge Characteristics (A, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	46.0	31.0	24.5	13.5	7.80	3.17	2.08	1.12	0.60
10.2V	43.7	29.5	23.5	13.0	7.49	3.12	2.05	1.11	0.59
10.5V	41.0	27.7	22.3	12.3	7.11	3.06	2.01	1.10	0.59

**Constant Wattage Discharge Characteristics (Watt, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	513	350	279	155	90.3	37.6	25.0	13.4	7.20
10.2V	488	332	268	149	86.7	37.1	24.5	13.3	7.10
10.5V	458	312	255	141	82.4	36.3	24.0	13.3	7.10