

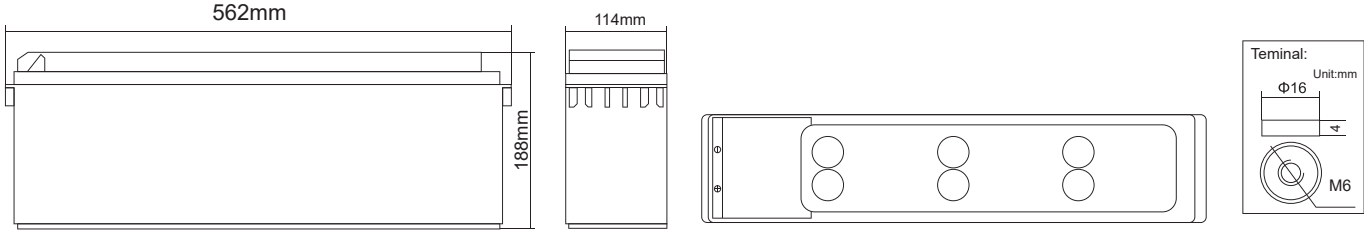
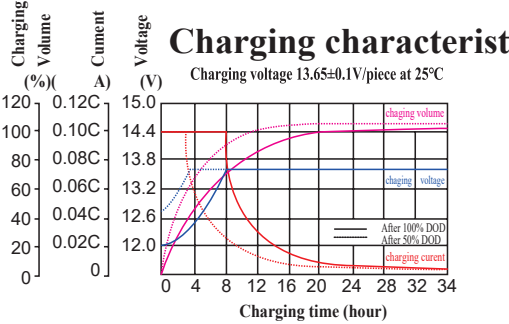
# FCT SERIES-FRONT ACCESS AGM BATTERY

## FCT12-80



**12V80AH C10**  
**Front access terminal design**  
**Maintenance-free operation**  
**Low self-discharge**

**CHARGING AND DISCHARGING CHARACTERISTICS:**



### TECHNICAL SPECIFICATIONS

<b>Nominal Voltage</b>		<b>12V</b>
<b>Nominal Capacity (10 hour rate)</b>		<b>80Ah</b>
<b>Capacity 25°C (77 °F )</b>	<b>20 hour rate (4.2A)</b> <b>8 hour rate (9.6A)</b> <b>5 hour rate (14A)</b> <b>1 hour rate (55.4A)</b>	<b>84Ah</b> <b>76.8Ah</b> <b>70Ah</b> <b>55.4Ah</b>
<b>Internal Resistance</b>	<b>Full Charged Battery 25°C</b>	<b>≤6.4mΩ</b>
<b>Capacity affected by Temperature (10 hr Capacity)</b>	<b>40°C (104 °F )</b> <b>25°C (77 °F )</b> <b>0°C (32 °F )</b> <b>-15°C (5 °F )</b>	<b>102%</b> <b>100%</b> <b>85%</b> <b>65%</b>
<b>Self-Discharge 25°C (77 °F ) Capacity</b>	after 3 month storage after 6 month storage after 12 month storage	<b>90%</b> <b>80%</b> <b>62%</b>
<b>Charge (Constant Voltage) 25°C</b>	<b>Standby Use</b>	<b>Initial Charging Current Less than 16A</b> <b>Voltage 13.6-13.8V</b>
	<b>Cycle Use</b>	<b>Initial Charging Current Less than 16A</b> <b>Voltage 14.4-14.9V</b>