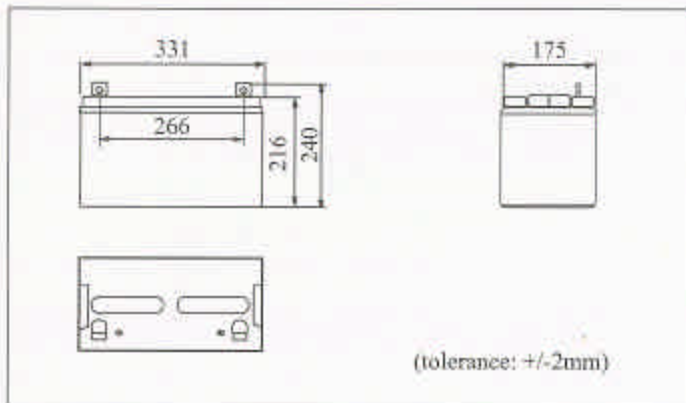


## 6GFM100A(12V100AH)

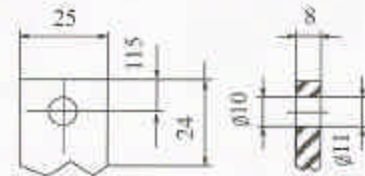
Major Application(s): Telecommunication system etc.

### PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity(10HR)		12V 100AH
Dimension	Length	331±2mm (13.03 inches)
	Width	175±2mm (6.89 inches)
	Container Height	216±2mm (8.50inches)
	Total Height	240±2mm (9.45inches)
Weight		Approx 32Kg (70.5 lbs)
Standard Terminal		B3(Bolt & nuts Terminal) Bolt Type: M8



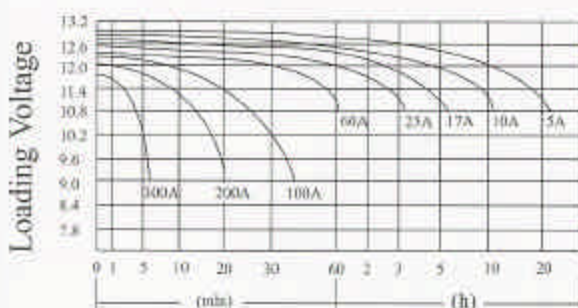
B3 ( Bolt-and-nut lead terminal)  
Bolt Type: M8



### ELECTRICAL SPECIFICATION

Capacity	20 hour rate(5A)	105Ah	<p>It is recommended to use constant-voltage charge and recharge immediately after use</p> <table border="1"> <tr> <td rowspan="2">Constant-Voltage Charge</td> <td>Cycle</td> <td>Initial Charging Current less than 25A Voltage 14.1V-14.4V at 25°C (77°F) Temperature Coefficient -18mV/°C</td> </tr> <tr> <td>Standby</td> <td>No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C (77°F) Temperature Coefficient -18mV/°C</td> </tr> </table>	Constant-Voltage Charge	Cycle	Initial Charging Current less than 25A Voltage 14.1V-14.4V at 25°C (77°F) Temperature Coefficient -18mV/°C	Standby	No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C (77°F) Temperature Coefficient -18mV/°C
	Constant-Voltage Charge	Cycle			Initial Charging Current less than 25A Voltage 14.1V-14.4V at 25°C (77°F) Temperature Coefficient -18mV/°C			
Standby		No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C (77°F) Temperature Coefficient -18mV/°C						
	10 hour rate(10A)	100Ah						
	5 hour rate(17A)	85Ah						
	3 hour rate(25A)	75Ah						
	1hour rate(60A)	60Ah						
Capacity affected by temperature	40°C (104°F)	102%						
	25°C (77°F)	100%						
	0°C (32°F)	85%						
Internal Resistance	Fully charged battery(25°C, 77°F)4mΩ							

Discharge Characteristics(25°C, 77°F)



Discharge Current & Discharge Duration Time

