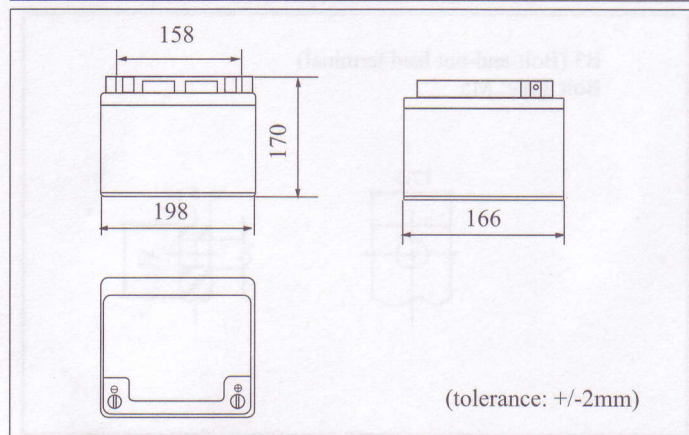


## 6GFM40(12V40AH)

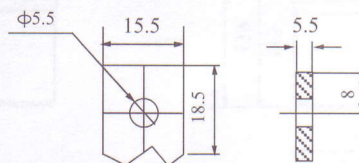
Major Application(s): Portable electric appliance etc.

### PHYSICAL SPECIFICATION

|                                           |                  |                                               |
|-------------------------------------------|------------------|-----------------------------------------------|
| Nominal Voltage<br>Nominal Capacity(10HR) |                  | 12V<br>40AH                                   |
| Dimension                                 | Length           | 198±2mm (7.80inches)                          |
|                                           | Width            | 166±2mm (6.53 inches)                         |
|                                           | Container Height | 170±2mm (6.69inches)                          |
|                                           | Total Height     | 170±2mm (6.69inches)                          |
| Weight                                    |                  | Approx 13.8Kg (30.4 lbs)                      |
| Standard Terminal                         |                  | B3(Bolt & nuts Lead Terminal)<br>Bolt Type:M5 |



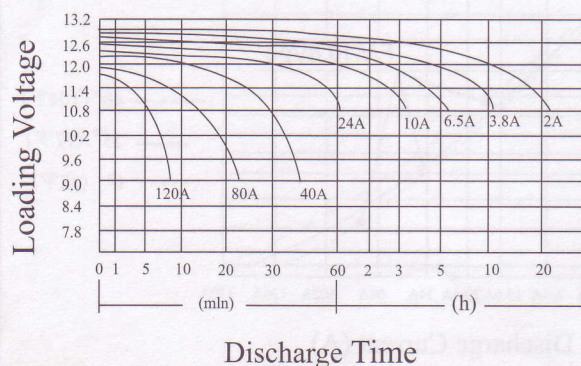
B3(Bolt-and-nut lead terminal)  
Bolt Type: M5



### ELECTRICAL SPECIFICATION

|                                  |                                     |        |                                                                                     |         |                                                                                                               |
|----------------------------------|-------------------------------------|--------|-------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------|
| Capacity                         | 20 hour rate(2A)                    | 40Ah   | It is recommended to use constant-voltage charge and recharge immediately after use |         |                                                                                                               |
|                                  | 10 hour rate(3.8A)                  | 38Ah   |                                                                                     |         |                                                                                                               |
|                                  | 5 hour rate(6.5A)                   | 32.5Ah | Constant-Voltage Charge                                                             | Cycle   | Initial Charging Current less than10A<br>Voltage 14.1V-14.4V at 25℃ (77°F)<br>Temperature Coefficient -18mV/℃ |
|                                  | 3 hour rate(10A)                    | 30Ah   |                                                                                     |         |                                                                                                               |
|                                  | 1 hour rate(22.8A)                  | 22.8Ah |                                                                                     | Standby | No limit on Initial Charging Current<br>Voltage 13.5V-13.8V at 25℃ (77°F)<br>Temperature Coefficient -18mV/℃  |
| Capacity affected by temperature | 40℃ (104°F)                         | 102%   |                                                                                     |         |                                                                                                               |
|                                  | 25℃ (77°F)                          | 100%   |                                                                                     |         |                                                                                                               |
|                                  | 0℃ (32°F)                           | 85%    |                                                                                     |         |                                                                                                               |
| Internal Resistance              | Fully charged battery(25℃, 77°F)7mΩ |        |                                                                                     |         |                                                                                                               |

Discharge Characteristics(25°C, 77°F)



Discharge Current & Discharge Duration Time

