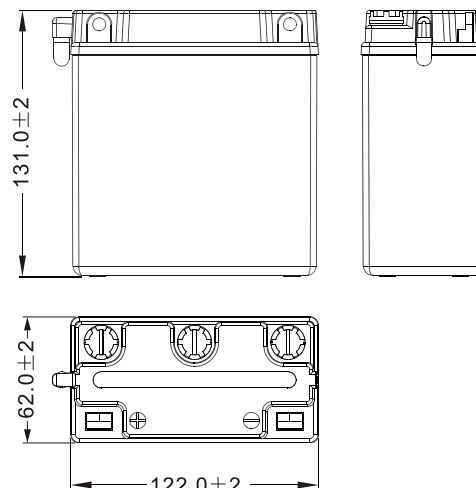


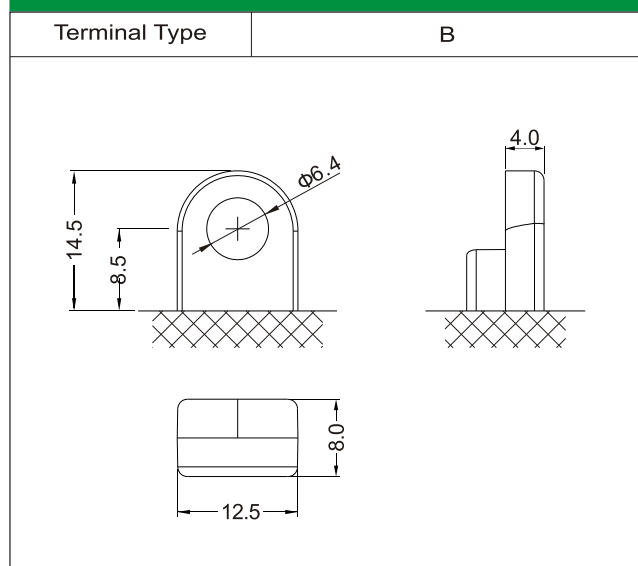
## 6N11A-4A [6V11Ah]



### Dimensions (mm)



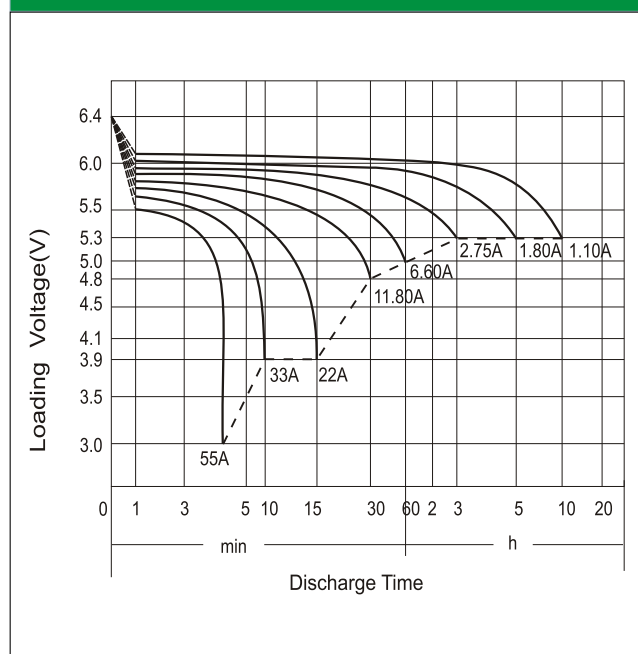
### Standard Terminal (mm)



### Physical Specification

|                                                                                                                                                                                                                                     |                                             |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------|
| Nominal Voltage                                                                                                                                                                                                                     |                                             | 12V                        |
| Nominal Capacity (10HR)                                                                                                                                                                                                             |                                             | 11AH                       |
| Dimension                                                                                                                                                                                                                           | Length                                      | 122 ± 2mm    (4.80inches)  |
|                                                                                                                                                                                                                                     | Width                                       | 62 ± 2mm    (2.44 inches)  |
|                                                                                                                                                                                                                                     | Container Height                            | 131 ± 2mm    (5.16 inches) |
|                                                                                                                                                                                                                                     | Total Height (with Terminal)                | 131 ± 2mm    (5.16 inches) |
| Weight                                                                                                                                                                                                                              | Battery(with acid): Approx 2.06kg (4.54lbs) |                            |
|                                                                                                                                                                                                                                     | Electrolyte: Approx 0.61kg (1.34lbs)        |                            |
| <div>* High performance and dry charged high quality and flooded battery</div> <div>* Low maintenance</div> <div>* Shipped without battery electrolyte pre-charged and ready to install</div> <div>* Replaces 6N11A-4 battery</div> |                                             |                            |

### Discharge Characteristics (25°C, 77°F)



### Electrical Specification

|                                  |                                           |                                                                                                                                                                                                                                                              |
|----------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Capacity                   | 10 hour rate (1.10A)                      | 11.00AH                                                                                                                                                                                                                                                      |
|                                  | 5 hour rate (1.80 A)                      | 9.02AH                                                                                                                                                                                                                                                       |
|                                  | 2 hour rate (3.85 A)                      | 7.70AH                                                                                                                                                                                                                                                       |
|                                  | 1 hour rate (6.60 A)                      | 6.60AH                                                                                                                                                                                                                                                       |
|                                  | 0.5 hour rate (11.80 A)                   | 5.94AH                                                                                                                                                                                                                                                       |
| Capacity affected by Temperature | 40 °C (104 °F)                            | 106%                                                                                                                                                                                                                                                         |
|                                  | 25 °C (77 °F)                             | 100%                                                                                                                                                                                                                                                         |
|                                  | 0 °C (32 °F)                              | 86%                                                                                                                                                                                                                                                          |
|                                  | -15 °C (5 °F)                             | 65%                                                                                                                                                                                                                                                          |
| Self Discharge                   | Approximately 12% per month (25°C (77°F)) |                                                                                                                                                                                                                                                              |
| Charging Methods                 | Full Charge                               | Constant-Voltage Charge:<br>Initial charging current: less than 3.3A<br>Voltage: 7.20 V ~ 7.50 V at 25 °C (77 °F)<br>Charging time: 16 ~24h<br>Constant-Current Charge:<br>Charging current: 1.1A, when charging voltage up to 7.80V, continue to charge 2h. |
|                                  | Floating Charge                           | No limit on Initial charging current<br>Voltage: 6.75 V ~ 6.90 V at 25 °C (77 °F)                                                                                                                                                                            |