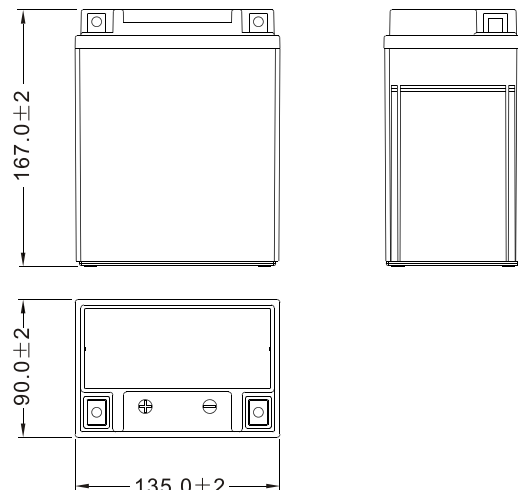


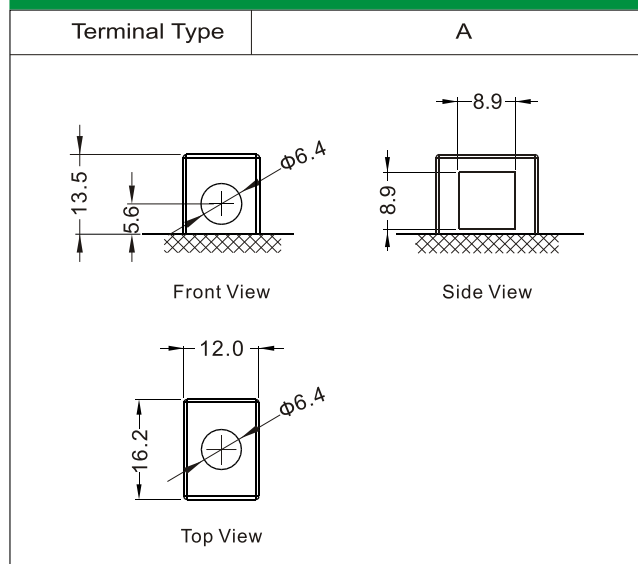
## HPG14A-4 [12V12Ah]



### Dimensions (mm)



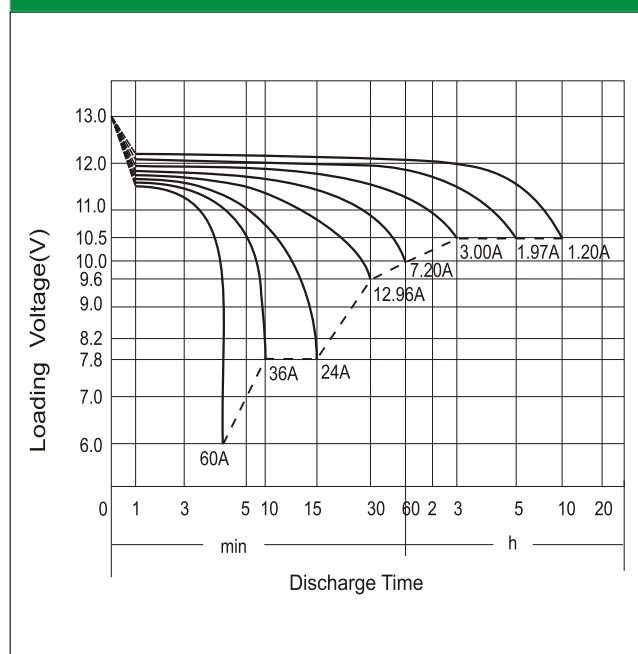
### Standard Terminal (mm)



### Physical Specification

|                                                                                                                                                                                                                                                                                                    |                                              |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|
| Nominal Voltage                                                                                                                                                                                                                                                                                    |                                              | 12V                   |
| Nominal Capacity (10HR)                                                                                                                                                                                                                                                                            |                                              | 12AH                  |
| Dimension                                                                                                                                                                                                                                                                                          | Length                                       | 135±2mm (5.31 inches) |
|                                                                                                                                                                                                                                                                                                    | Width                                        | 90±2mm (3.54 inches)  |
|                                                                                                                                                                                                                                                                                                    | Container Height                             | 167±2mm (6.57 inches) |
|                                                                                                                                                                                                                                                                                                    | Total Height (with Terminal)                 | 167±2mm (6.57 inches) |
| Weight                                                                                                                                                                                                                                                                                             | Battery(with acid): Approx 4.62kg (10.17lbs) |                       |
|                                                                                                                                                                                                                                                                                                    | Electrolyte: Approx 0.93kg (2.05lbs)         |                       |
| <div>* 100% leak-proof and spill-proof to 360°</div> <div>* Totally Maintenance-free</div> <div>* Longer lifespan</div> <div>* Lower self discharge</div> <div>* Powerful 180 cold cranking amps</div> <div>* Shipped pre-charged and ready to install</div> <div>* Replaces LT14A-4 battery</div> |                                              |                       |

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



### Electrical Specification

|                                  |                                          |                                                                                                                                                                                                                                                                                     |
|----------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Capacity                   | 10 hour rate (1.20 A)                    | 12.0AH                                                                                                                                                                                                                                                                              |
|                                  | 5 hour rate ( 1.97 A)                    | 9.84AH                                                                                                                                                                                                                                                                              |
|                                  | 2 hour rate (4.20 A)                     | 8.40AH                                                                                                                                                                                                                                                                              |
|                                  | 1 hour rate (7.20 A)                     | 7.20AH                                                                                                                                                                                                                                                                              |
|                                  | 0.5 hour rate (12.96 A)                  | 6.48AH                                                                                                                                                                                                                                                                              |
| 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 3% per month (25°C (77°F)) |                                                                                                                                                                                                                                                                                     |
| Charging Methods                 | Full Charge                              | Constant-Voltage Charge:<br>Initial charging current: less than 3.6A<br>Voltage: 14.40 V ~ 15.00 V at 25 °C (77 °F)<br>Charging time: 15 ~18h<br>Constant-Current Charge:<br>Charging current: 0.1C <sub>10</sub> =1.20A, when charging voltage up to 14.40V, continue to charge 4h |
|                                  | Floating Charge                          | No limit on Initial charging current<br>Voltage: 13.50 V ~ 13.80 V at 25 °C (77 °F)                                                                                                                                                                                                 |