

# ZGL060020

## Constant Current Discharge Rating Amperes @ 25°C (77°F)

| F.V/Time | 5M   | 10M  | 15M  | 30M  | 1HR  | 2HR  | 3HR  | 4HR  | 5HR  | 8HR  | 10HR | 20HR |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5.25     | 22.7 | 16.1 | 12.7 | 7.84 | 4.73 | 2.48 | 1.77 | 1.45 | 1.20 | 0.79 | 0.67 | 0.35 |

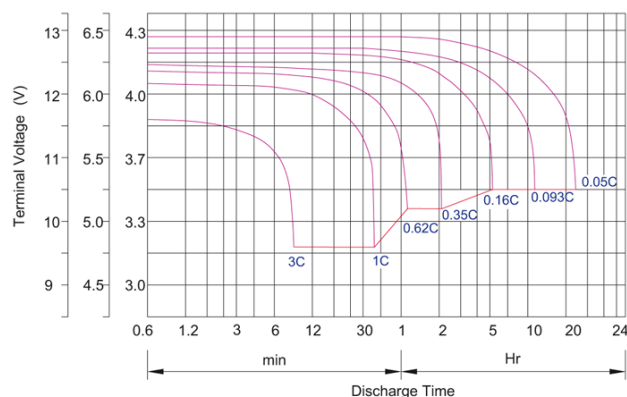
## Characteristics

|   |  |                            |
|---|--|----------------------------|
| Capacity<br>25°C (77°F)                               | 20 hour rate<br>5 hour rate  | 7AH<br>5.95AH              |
| Internal Resistance                                   | Full charged Battery 25°C (77°F)   | 12mΩ                       |
| Capacity affected<br>by Temperature<br>(20 hour rate) | 40°C (104°F)<br>25°C (77°F)<br>0°C (32°F)<br>-10°C (14°F)  | 107%<br>100%<br>76%<br>66% |
| Self-Discharge  | Batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using. |                            |
| Standard Terminal                                     | F1   |                            |
| Max. Discharge<br>Current 25°C (77°F)                 | 70A (5s)   |                            |
| Final Discharge<br>Voltage V/cell                     | 1.75V  | 1.70V                      |
| Discharge Current (A)                                 | (A) ≤ 0.2C   | 0.2 < (A) < 1.0C           |
| Charging<br>(Constant<br>Voltage)                     | Cycle Initial Charging Current 2.1A Or Small<br>7.3V~7.4V/ 25°C (77°F)<br>Float 6.8V~6.9V/ 25°C (77°F)   |                            |
| Container Material                                    | A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.  |                            |

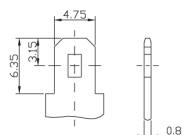
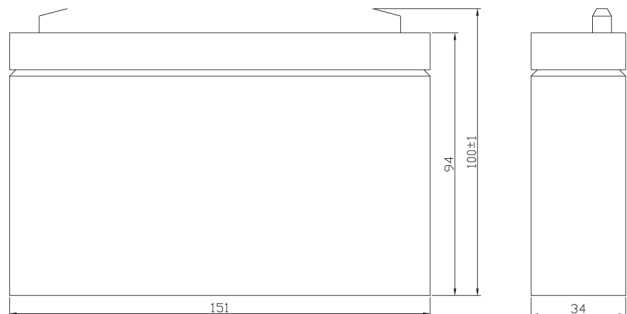
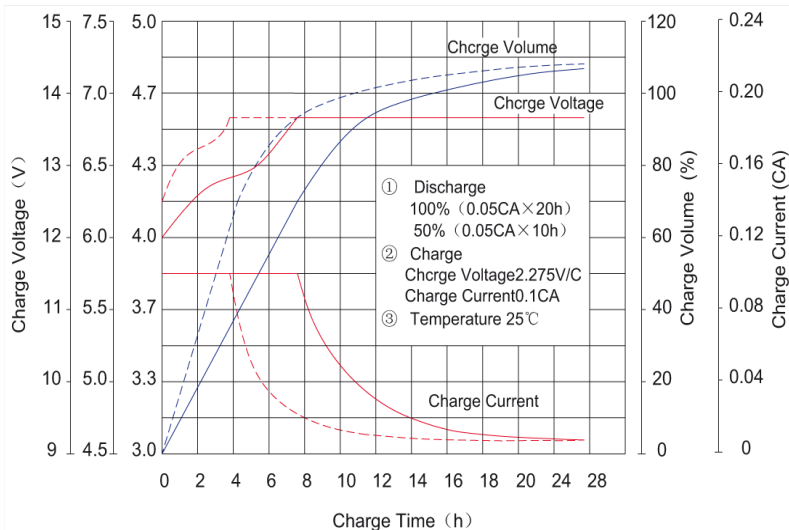
## Specifications

|                               |                               |                     |
|-------------------------------|-------------------------------|---------------------|
| Nominal Voltage               | 6V                            |                     |
| Rated Capacity (20 hour rate) | 7Ah                           |                     |
| Dimension                     | Total Height (with terminals) | 94mm (3.70 inches)  |
|                               | Height                        | 94mm (3.70 inches)  |
|                               | Length                        | 151mm (5.94 inches) |
|                               | Width                         | 34mm (1.33 inches)  |
| Weight                        | Approx. 1.15kg (2.53lbs)      |                     |

## Discharge characteristics 25°C (77°F)



## Charge characteristic Curve for standby use



This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specification are subject to modification without notice. Contact U.B.S. UNION BATTERY SERVICE for the latest information.

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