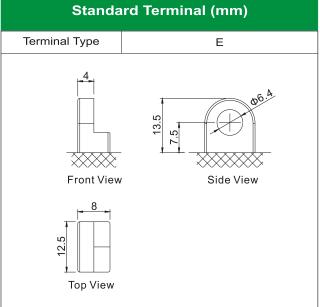
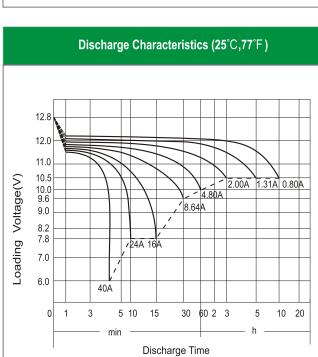


## 12N7CZ-3D [12V8Ah]







## Dimensions (mm)

| Physical Specification  |   |                             |  |  |  |
|-------------------------|---|-----------------------------|--|--|--|
| Nominal Voltage         |   | 12V                         |  |  |  |
| Nominal Capacity (10HR) |   | 8AH                         |  |  |  |
| Dimension               | Length                                      | 130 $\pm$ 2mm (5.12 inches) |  |  |  |
|                         | Width                                       | $90\pm2$ mm (3.54 inches)   |  |  |  |
|                         | Container Height                            | 114 $\pm$ 2mm (4.49 inches) |  |  |  |
|                         | Total Height (with Terminal)                | 114 $\pm$ 2mm (4.49 inches) |  |  |  |
| Weight                  | Battery(with acid): Approx 2.81kg (6.19lbs) |                             |  |  |  |
|                         | Electrolyte: Approx 0.74kg (1.63lbs)        |                             |  |  |  |

- \* High performance and dry charged high quality and flooded battery
- \* Low maintenance
- \* Powerful 74 cold cranking amps
- \* Shipped without battery electrolyte pre-charged and ready to install
- \* Replaces none battery

| Electrical Specification               |   |  |        |  |  |
|--|---|--|--------|--|--|
| Rated<br>Capacity                      | 10 hour rate (0.80 A)                     |  | 8.00AH |  |  |
|  | 5 hour rate (1.31 A)                      |  | 6.56AH |  |  |
|  | 2 hour rate (2.80 A)                      |  | 5.60AH |  |  |
|  | 1 hour rate (4.80 A)                      |  | 4.80AH |  |  |
|  | 0.5 hour rate (8.64 A)                    |  | 4.32AH |  |  |
| Capacity<br>affected by<br>Temperature | 40 °C (104 °F)                            |  | 106%   |  |  |
|  | 25 °C (77 °F)                             |  | 100%   |  |  |
|  | 0 °C (32 °F)                              |  | 86%    |  |  |
|  | -15 °C (5 °F)                             |  | 65%    |  |  |
| Self<br>Discharge                      | Approximately 12% per month (25°C (77°F)) |  |        |  |  |
| Charging<br>Methods                    |   | Constant-Voltage Charge:                     |        |  |  |
|  | Full Charge                               | Initial charging current: less than 2.4A     |        |  |  |
|  |   | Voltage: 14.40 V ~ 15.00 V at 25 °C (77 °F)  |        |  |  |
|  |   | Charging time: 16 ~24h                       |        |  |  |
|  |   | Constant-Current Charge:                     |        |  |  |
|  |   | Charging current: 0.8A, when charging        |        |  |  |
|  |   | voltage up to 15.60V, continue to charge 2h. |        |  |  |
|  | Floating Charge                           | No limit on Initial charging current         |        |  |  |
|  |   | Voltage: 13.50 V ~ 13.80 V at 25 °C (77 °F)  |        |  |  |