

**ECO GREEN ENERGY**  
Building a Greener World

# OPzV Tubular Gel Battery

## 2V 1200Ah



### Eco Green Energy Gel Battery

Eco Green Energy OPzV tubular gel batteries were designed to deliver the best performance and durability. The use of top-quality raw materials enables the Eco Green Energy batteries to be protected from corrosion, while extending the battery's cycle life.

### KEY FEATURES

- Low self-discharge and long shelf life
- Safety valve installation for explosion proof
- Non-spillable construction
- Exceptional deep discharge recovery performance



[eco-greenenergy.com](http://eco-greenenergy.com)

#### Headquarters

📍 299 Xing Cheng Road, Chong Chuan District, Nantong, Jiangsu, China  
☎ +86 513 66690088  
✉ [info@eco-greenenergy.com](mailto:info@eco-greenenergy.com)

#### EU Office

📍 1 rue Bender, L-1229 Luxembourg City  
☎ +352 6 61 51 31 50  
✉ [info@eco-greenenergy.com](mailto:info@eco-greenenergy.com)

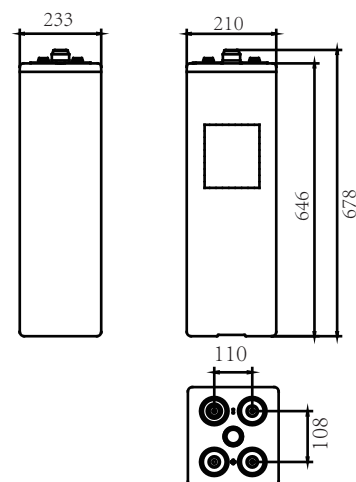
### Electrical Parameters

|                                                     |               |
|-----------------------------------------------------|---------------|
| Nominal Voltage                                     | 2V            |
| Number of Cells                                     | 1             |
| Rated Capacity (C10 to 1.80V per Cell)              | 1200Ah        |
| Charge Voltage at 25 °C                             |               |
| - Float Voltage                                     | 2.25-2.30V    |
| - Float Temperature Compensation Coefficient        | ±3mV/Cell °C  |
| - Average Voltage                                   | 2.35 - 2.40 V |
| - Equalization Temperature Compensation Coefficient | ±4mV/Cell °C  |
| Max Charge Current                                  | 300A          |
| Max Discharge Current                               | 3600A         |
| Self-Discharge rate at 25 °C                        | 2% per month  |



### Environmental Parameters

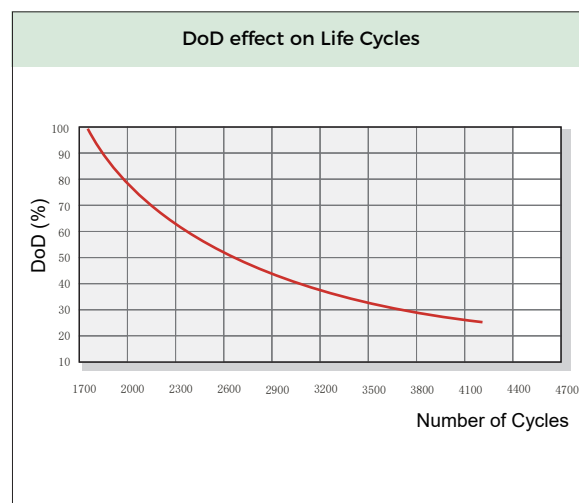
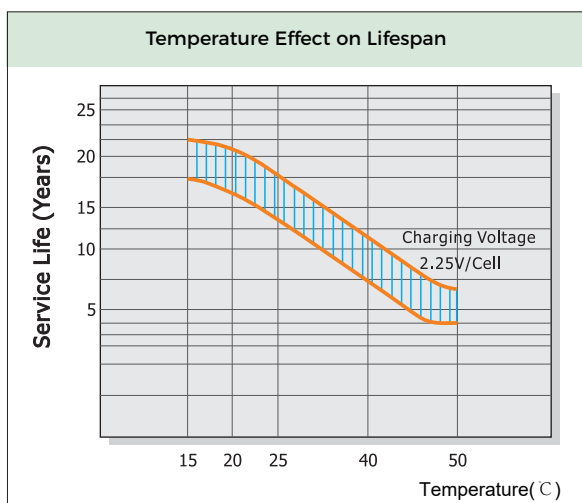
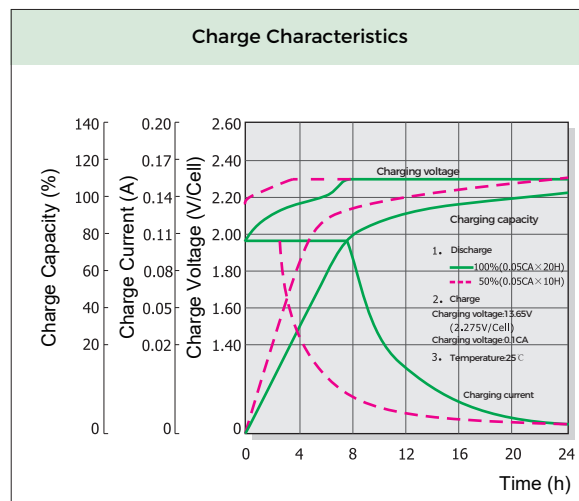
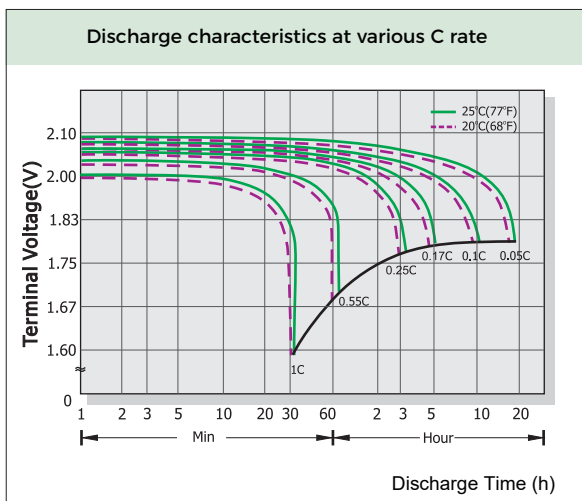
|                                         |            |
|-----------------------------------------|------------|
| Recommended Operating Temperature Range | 20 - 30°C  |
| Operating Temperature Range             |            |
| - Discharge                             | -40 - 55°C |
| - Charge                                | -20 - 50°C |
| Storage Temperature Range               | -20 - 40°C |



### Mechanical Parameters

|                                     |               |
|-------------------------------------|---------------|
| Dimensions (L*W*H)                  | 233*210*646mm |
| Total height                        | 678mm         |
| Weight                              | 90kg          |
| Terminal Bolt Size                  | M8            |
| Recommended Terminal Initial Torque | 5.5Nm         |
| Cover Material                      | ABS           |

## PERFORMANCE CHARACTERISTICS



**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.