EcoGreenEnergy

# Gel Battery 12V 150Ah
# 6-GFJ-150

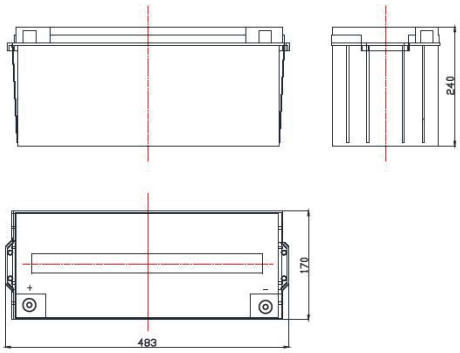
## Electrical Parameters

| | |
|---|---|
| Nominal Voltage | 12V |
| Number of Cells | 6 |
| Rated Capacity (C10 to 1.80V per Cell) | 150Ah |
| Charge Voltage at 25℃ | |
| - Float Charge Voltage Range (V) | 13.4 - 13.7V |
| - temperature compensation coefficient (mV/°C) per cell | -3mV/Cell °C |
| - Cycle Charge Voltage Range (V) | 14.1 - 14.4V |
| - temperature compensation coefficient (mV/°C) per cell | -4mV/Cell °C |
| Max Charge Current | 37.5A |
| Max Discharge Current | 450A |
| Self-Discharge rate at 25℃ | 3% per month |
| Electrical Connection | 2P max. |

**EGE- 12V 150Ah**

## Environmental Parameters

| | |
|---|---|
| Recommended Operating Temperature Range | 15 - 25°C |
| Operating Temperature Range | |
| - Discharge | -45 - 50°C |
| - Charge | -20 - 45°C |
| Storage Temperature Range | -30 - 40°C |




## Mechanical Parameters

| | |
|---|---|
| Dimensions (L*W*H) | 483*170*240mm |
| Total height | 240mm |
| Weight | 41.5kg |
| Terminal Bolt Size | M8 |
| Recommended Terminal Torque Range | 12-15Nm |
| Cover Material | ABS |

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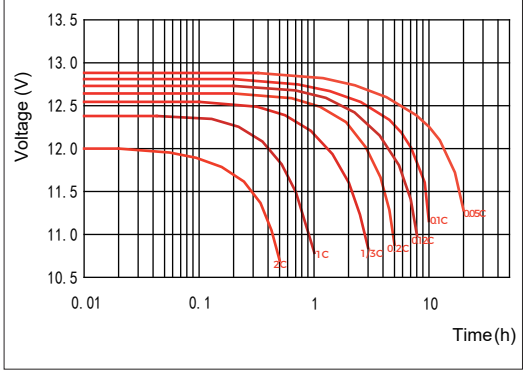
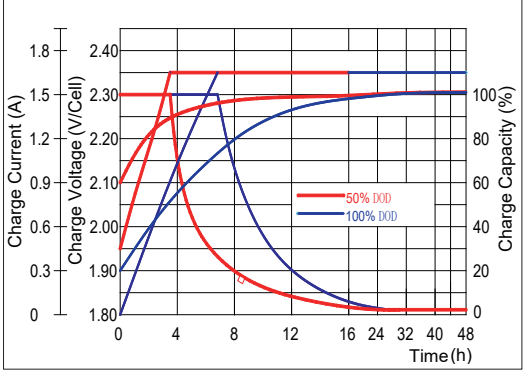
## PERFORMANCE CHARACTERISTICS

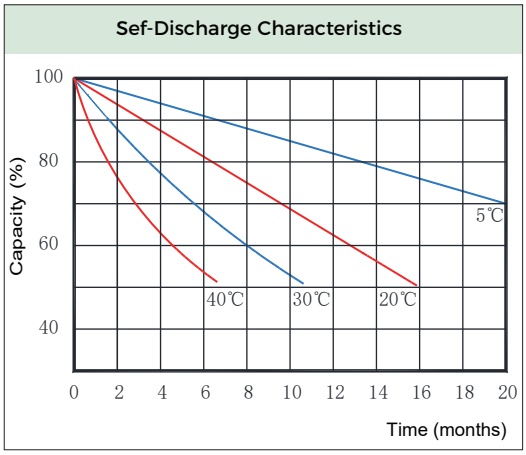
### Discharge Characteristics at Various Rate



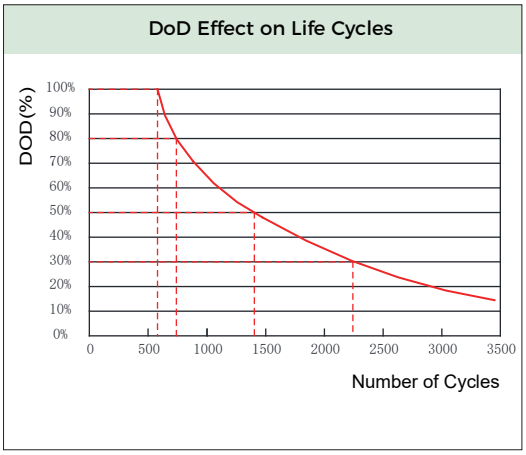

### Charge Characteristics



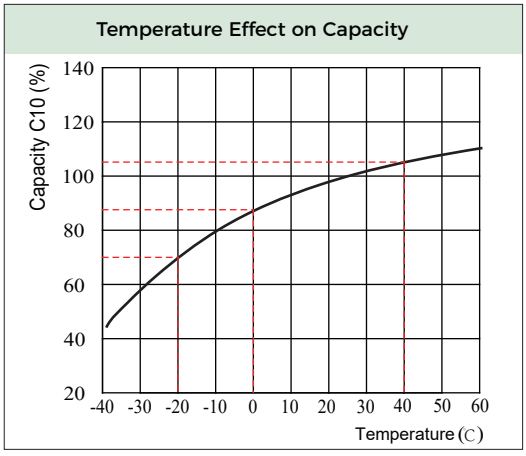

### Sef-Discharge Characteristics



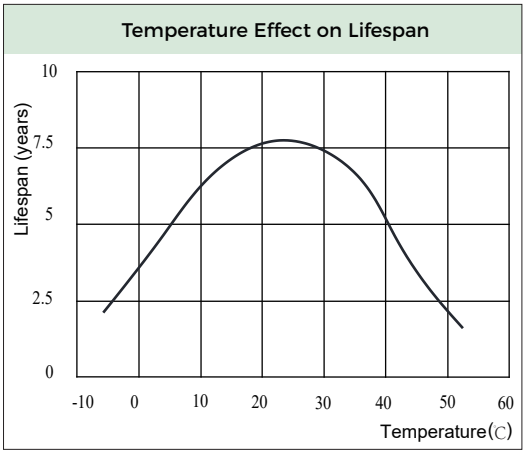

### DoD Effect on Life Cycles




### Temperature Effect on Capacity




### Temperature Effect on Lifespan




**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.

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