

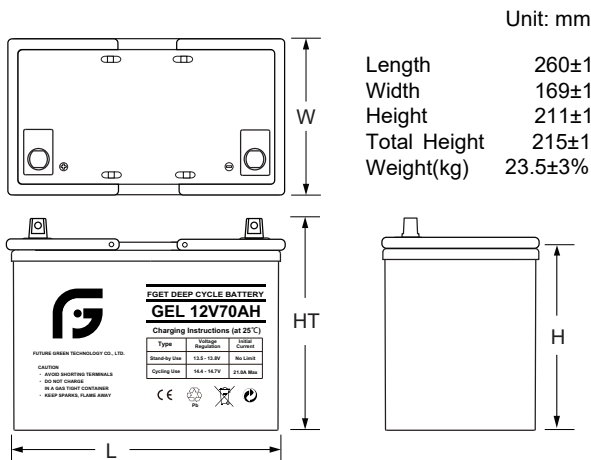
GENERAL FEATURES

- **GEL Technology** - DG batteries comes from the internationally superior Gel technology. It is ideal for standby or frequent cyclic discharge applications under extreme environments.
- **Long Life Time** - By using strong grids, high purity lead and patented Gel electrolyte, the DGseries offers excellent recovery after deep discharge under frequent cyclic discharge use, and can deliver 400 cycles at 100% DOD.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non- restricted article' status for transportation.
- **Excellent Recovery from Deep Cycle** - Unique technical processes are used into the grid alloy and electrolyte additive, in this case the battery can be recharged after being over-discharged.
- **Designed-In Reliability** - Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance

PERFORMANCE SPECIFICATIONS

| | | |
|--|--------------------------------------|-----------------|
| Nominal Voltage | 12V(6 cells) | |
| Design Floating Life @25°C | 12 Years | |
| Nominal Capacity @25°C | 20 hour rate | 70.00Ah |
| | 10 hour rate | 62.00Ah |
| | 5 hour rate | 55.50Ah |
| | 1 hour rate | 41.90Ah |
| Internal Resistance | Full Charged Battery@25°C | <7.0mΩ |
| | Energy Density (20-hr. rate) | 93.96W-h/l |
| | Specific Energy (20-hr. rate) | 38.30W-h/kg |
| Shelf Life (nominal capacity at 20°C) | 1 Month | 97% |
| | 3 Months | 91% |
| | 6 Months | 83% |
| Max.Discharge Current@25°C | 7 Min. | 225.0A |
| Max Short-Duration Discharge Current | 10 Sec | 560.0A |
| Standby Use Charge (Constant Voltage) @25°C | Initial Charging Current | Less than 22.5A |
| | Voltage | 13.6-13.8V |
| Cycle Use Charge (Constant Voltage) @25°C | Initial Charging Current | Less than 22.5A |
| | Voltage | 14.2-14.4 V |
| Operating Temperature Range | Charge | -20°C to 50°C |
| | Discharge | -40°C to 60°C |

GENERAL FEATURES mm



TERMINALS mm

- U: Universal terminals: Heavy-duty posts with 'nut & bolt' fasteners
- T6: Threaded insert w. 6 mm stud fastener

