



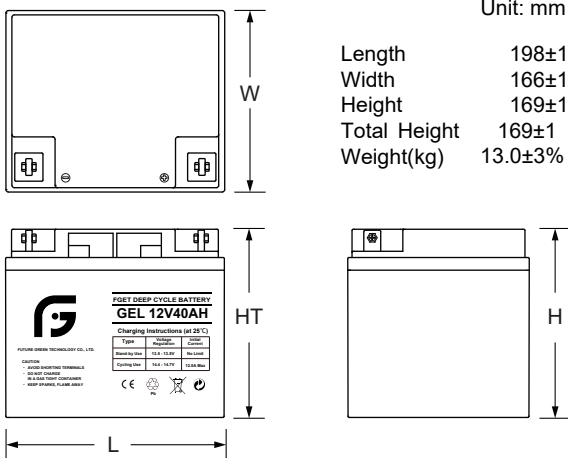
GENERAL FEATURES

- **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	40.00Ah
	2.0A to 10.50V	
	10 hour rate	39.10Ah
	3.91A to 10.50V	
	5 hour rate	34.25Ah
Internal Resistance	6.85A to 10.20V	
	3 hour rate	31.23Ah
	10.41A to 9.90V	
	1 hour rate	24.24Ah
Energy Density (20-hr. rate)	24.24A to 9.60V	
	Full Charged Battery@25°C	<8mΩ
Shelf Life (nominal capacity at 20°C)	1 Month	97%
	3 Months	91%
	6 Months	83%
Max.Discharge Current@25°C	7 Min.	120.0A
	Max Short-Duration Discharge Current	10 Sec
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 12A
	Voltage	13.6-13.8V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 12A
	Voltage	14.6-14.8 V
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

GENERAL FEATURES mm



TERMINALS mm

- NB4: Heavy duty terminal posts with nut and bolt fasteners
- T6: Threaded insert w. 6 mm stud fastener

