

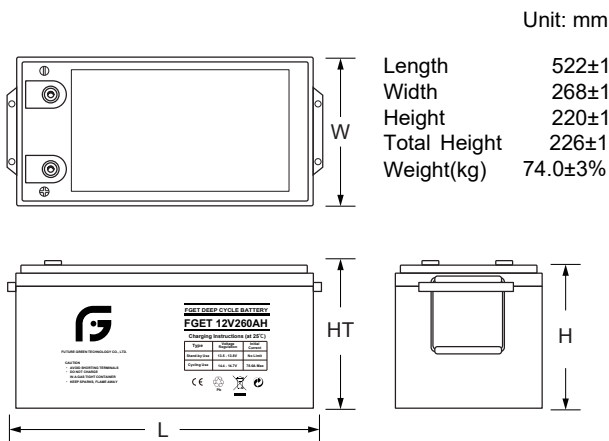
### GENERAL FEATURES

- **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

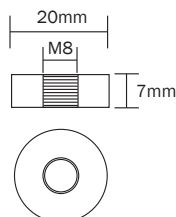
<b>Nominal Voltage</b>	12V(6 cells)	
<b>Design Floating Life @25°C</b>	12 Years	
<b>Nominal Capacity @25°C</b>	20 hour rate	260.00Ah
	13.00A to 10.50V	
	10 hour rate	254.00Ah
	25.40A to 10.50V	
	5 hour rate	222.50Ah
<b>Internal Resistance</b>	44.50A to 10.20V	
	3 hour rate	201.30Ah
	67.10A to 9.90V	
	1 hour rate	148.00Ah
<b>Energy Density (20-hr. rate)</b>	148.00A to 9.60V	
	Full Charged Battery@25°C	<3.5mΩ
<b>Specific Energy (20-hr. rate)</b>	99.50W-h/l	
<b>Shelf Life (nominal capacity at 20°C)</b>	42.16W-h/kg	
	1 Month	97%
	3 Months	91%
<b>Max Short-Duration Discharge Current</b>	6 Months	83%
	10 Sec	780.0A
	<b>Standby Use Charge (Constant Voltage) @25°C</b>	
<b>Cycle Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current Less than 78.0A	
	Voltage 13.6-13.8V	
<b>Operating Temperature Range</b>	Initial Charging Current Less than 78.0A	
	Voltage 14.4-14.8 V	
	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

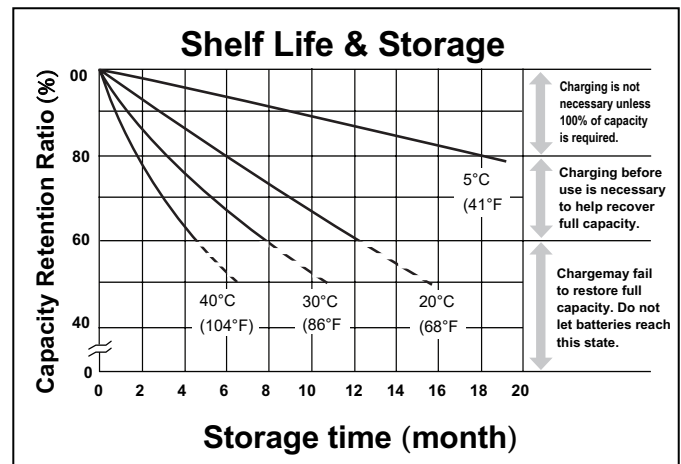
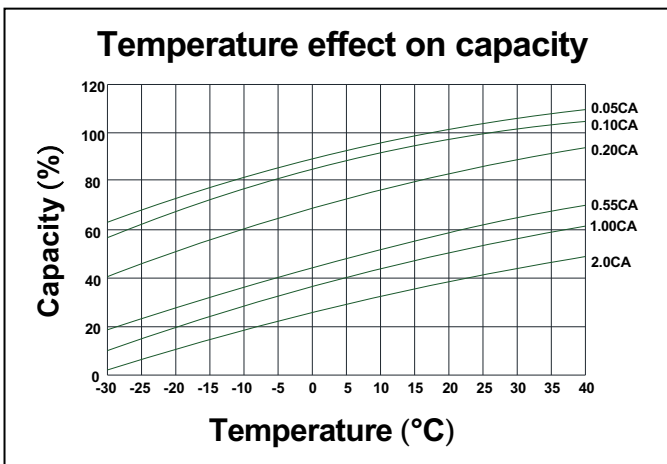
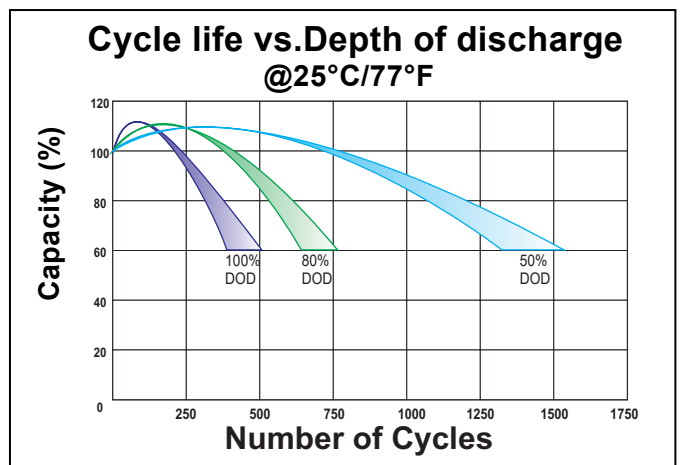
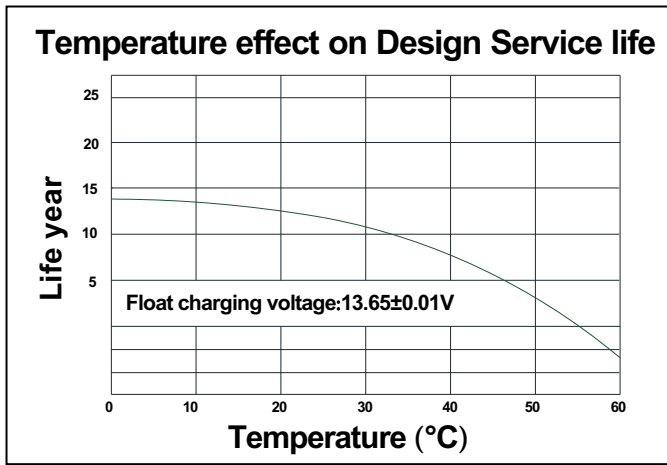
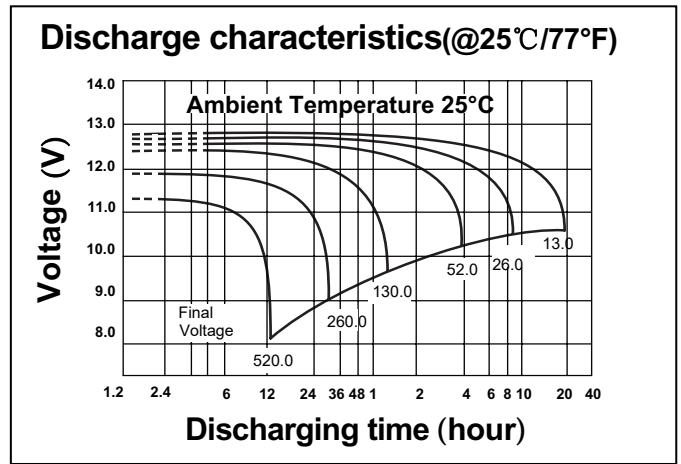
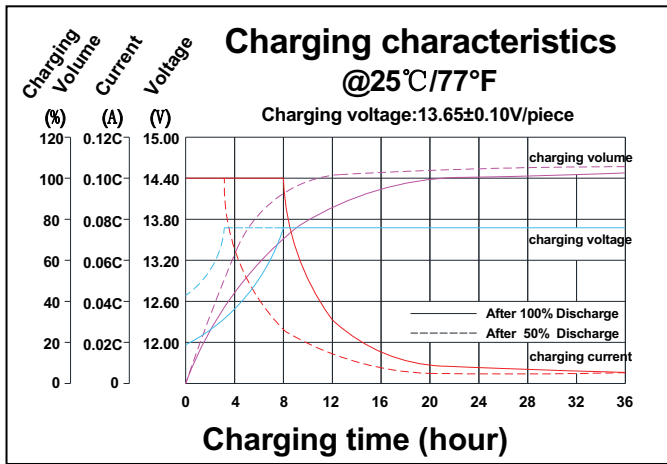
### GENERAL FEATURES mm



### TERMINALS mm

- T11 - THREADED INSERT - 8mm STUD





**CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)**

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	515.7	406.5	235.6	148.0	91.4	68.1	54.4	45.9	31.3	26.5	13.5
10.0V	498.5	394.3	230.7	145.2	89.8	67.1	53.7	45.3	30.9	26.2	13.4
10.2V	476.1	378.3	224.2	141.5	87.7	65.7	52.7	44.5	30.5	25.9	13.2
10.5V	446.1	356.9	215.3	136.4	84.9	63.8	51.3	43.5	29.8	25.4	13.0
10.8V	405.9	328.0	203.1	129.4	81.0	61.1	49.4	42.0	28.9	24.7	12.7
11.1V	351.1	288.1	185.8	119.5	75.4	57.3	46.6	39.9	27.6	23.7	12.2