

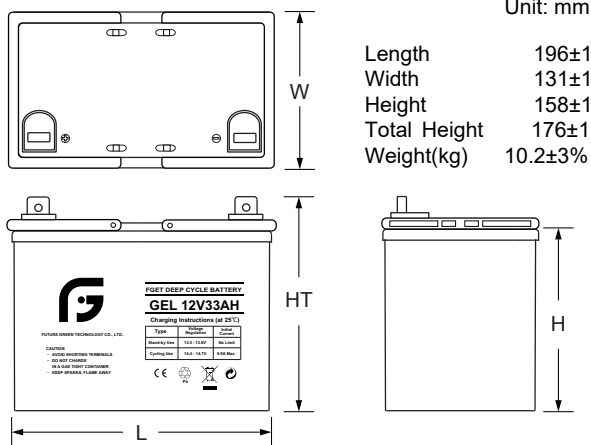
GENERAL FEATURES

- **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

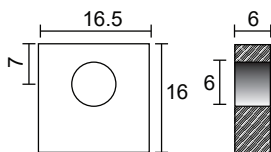
Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	33.00Ah
	1.65A to 10.50V	
	10 hour rate	31.70Ah
	3.17A to 10.50V	
	5 hour rate	28.50Ah
Internal Resistance	5.70A to 10.02V	
	3 hour rate	24.72Ah
	8.24A to 9.90V	
	1 hour rate	20.02Ah
Energy Density (20-hr. rate)	87.63W-h/l	
Specific Energy (20-hr. rate)	38.82W-h/kg	
Shelf Life (nominal capacity at 20°C)	Full Charged Battery@25°C	<9.5mΩ
	1 Month	97%
	3 Months	91%
Max.Discharge Current@25°C	6 Months	83%
	7 Min.	99.0A
Max Short-Duration Discharge Current	10 Sec	330.0A
	Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 9.90A Voltage 13.7-13.9 V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 9.90A Voltage 14.6-14.8 V	
	Operating Temperature Range	Charge
Discharge		-20°C to 60°C

GENERAL FEATURES mm



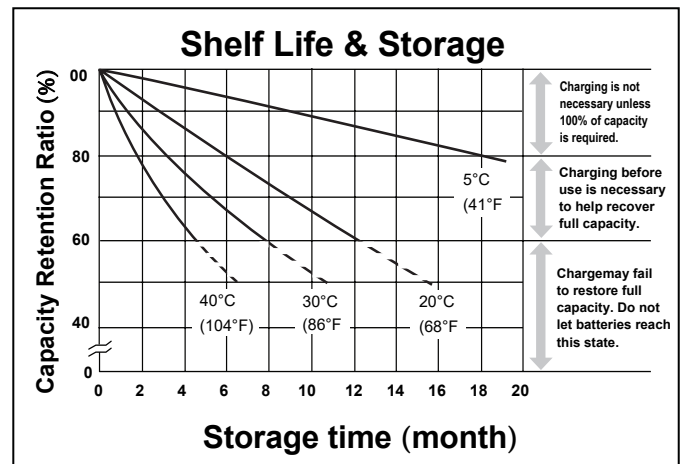
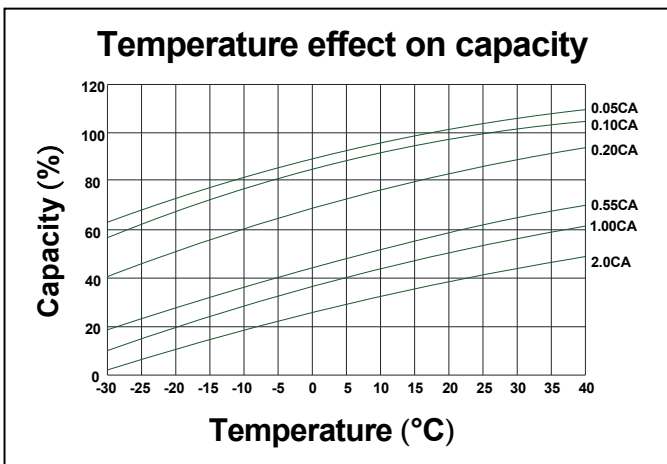
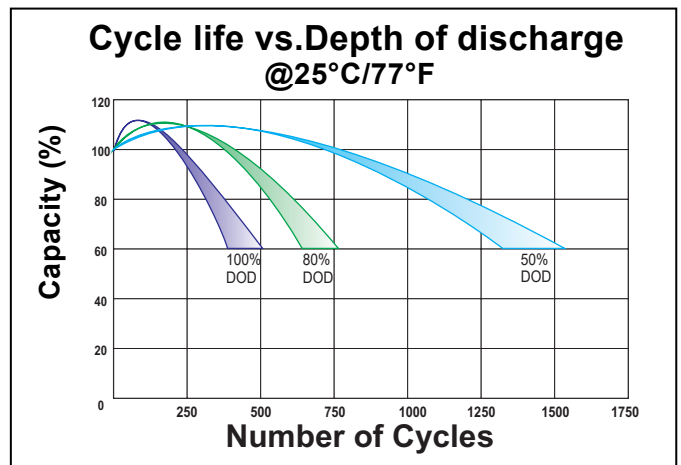
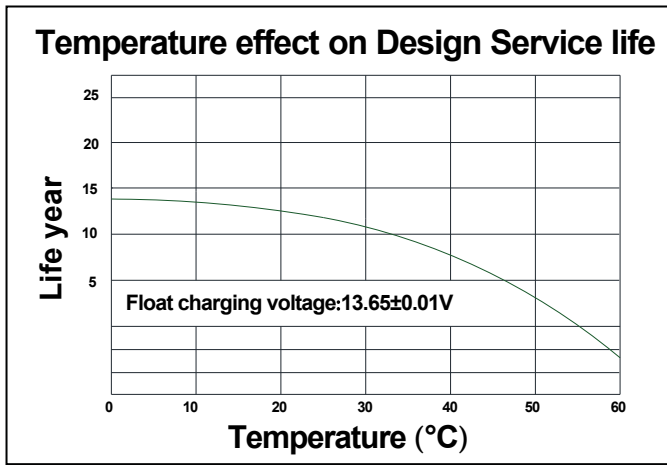
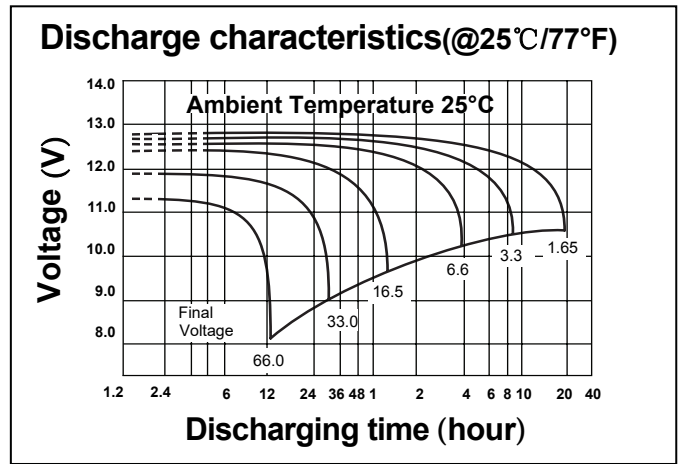
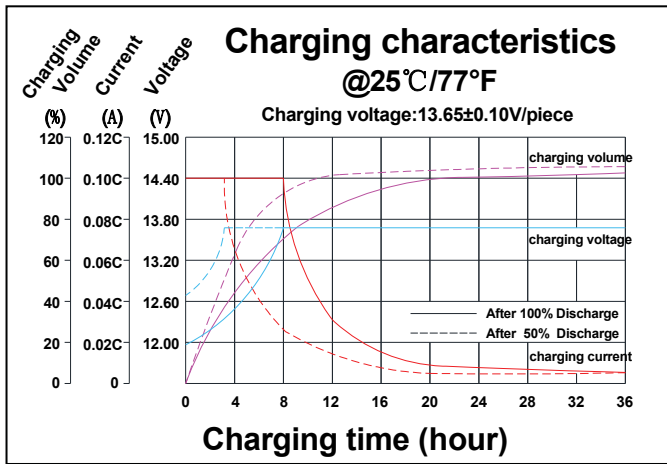
TERMINALS mm

- NB3: Heavy duty terminal posts with nut and bolt fasteners



Torque: 3.9~5.4 Nxm

This model can be supplied with T6 button terminals, subject to inventory availability and lead in times.



CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	103.23	75.98	59.23	36.09	20.02	11.97	8.27	6.85	5.77	3.94	3.27	1.74
10.0V	100.24	72.30	58.02	35.48	19.93	11.88	8.24	6.82	5.73	3.91	3.23	1.71
10.2V	97.25	69.75	57.10	34.81	19.74	11.79	8.17	6.79	5.70	3.87	3.20	1.68
10.5V	87.32	64.35	54.38	34.55	19.56	11.70	8.14	6.72	5.63	3.84	3.17	1.65
10.8V	78.82	58.69	50.12	33.96	19.10	11.49	7.92	6.56	5.53	3.78	3.14	1.62
11.1V	67.29	52.45	44.96	31.80	18.14	10.99	7.57	6.25	5.29	3.62	3.05	1.52