



# FRONT TERMINAL SOLAR GEL BATTERY

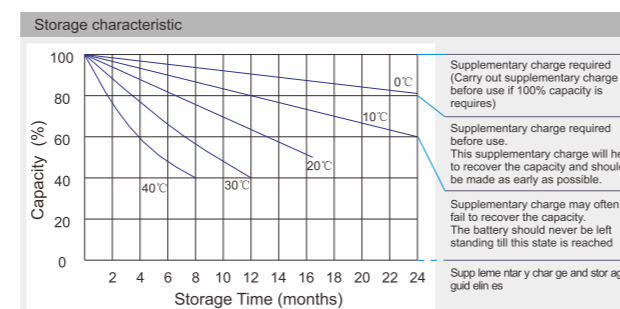
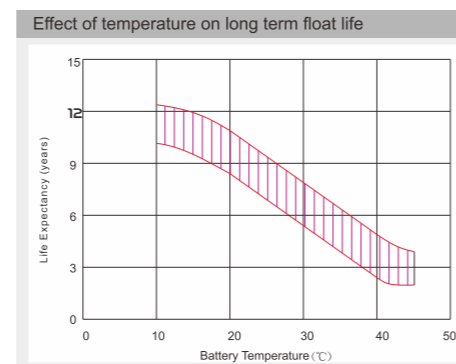
— FL-GE-100AH / 150AH / 200AH

- Maintenance-free operation
- Stable quality and high reliability
- Compact design
- 12 years design time(at 25°C)
- Gelled electrolyte technology



## Product Application

1. UPS system
2. Telecommunication system
3. Power station system
4. Railway system
5. Emergency lighting system
6. Automatic control system
7. Electric instruments etc.
8. Solar, wind powered systems
9. Portable instruments
10. Medical equipment
11. Marine Equipment
12. Alarm systems for fire protection ,security



## Product Parameters:

Model	FL-GE-100AH	FL-GE-150AH	FL-GE-200AH
Cells Per Unit	6		
Voltage Per Unit	12		
Capacity	100Ah@10hr-rate to 1.80V per cell @25°C	150Ah@10hr-rate to 1.80V per cell @25°C	200Ah@10hr-rate to 1.80V per cell @25°C
Weight	31.0KG	43.5KG	61.0KG
Max. Discharge Current	1000A (5 sec)	1500A (5 sec)	2000A (5 sec)
Internal Resistance	Approx. 5.5 mΩ	Approx. 5.0 mΩ	Approx. 4.5 mΩ
Recommended Maximum Charging Current Limit	30A	45A	60A
Operating Temperature Range	Discharge: -20°C ~ 60°C Charge: 0°C ~ 50°C Storage: -20°C ~ 60°C		
Normal Operating Temperature Range	25°C ± 5 °C		
Float charging Voltage	13.6 to 13.8V DC/unit Average at 25°C		
Equalization and Cycle Service	14.4to 14.6V DC/unit Average at 25°C		
Self Discharge	Front terminal batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.		
SIZE	410x109x293MM	550x110x290MM	550x125x317MM

## Battery production line:

