

### Front terminal solar battery

- Low Self Discharge
- Long Designed service Life
- Excellent Discharge Performance
- Environment Friendliness
- Wide suitability of ambient temperature range



Front terminal solar battery  
100Ah/150Ah/200Ah 12V

Solar gel battery  
100Ah/150Ah/200Ah 12V

OPzV Solar gel battery 200Ah  
500Ah 1000Ah 2500Ah 2V



Front Terminals Sealed Lead Acid Battery for UPS-12V100AH



Best Deep Cycle Solar Panel GEL Battery for Solar System Power Storage Battery



OPzV tubular Gel Battery 2V 200AH 500AH 1000AH 2500 with Reliable quality

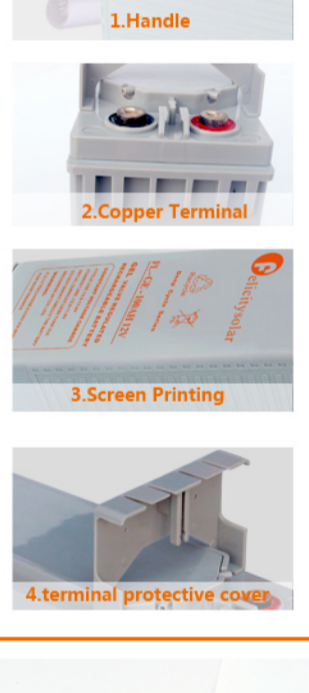


## Wind powered systems 100AH 12V

### 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	14.4 to 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

### Products Details



### >>Advantage

- 1.Sealed and maintenance free operation.
- 2.Non-Spillable construction design.
- 3.ABS containers and covers(UL94HB, UL94V-0) optional.
- 4.Safety valve installation for explosion proof.
- 5.High quality and high reliability.
- 6.Exceptional deep discharge recovery performance.
- 7.Low self discharge characteristic.
- 8.Flexibility design for multiple install positions.

### Front Terminal Serials

100AH 12V / 150AH 12V / 200AH 12V



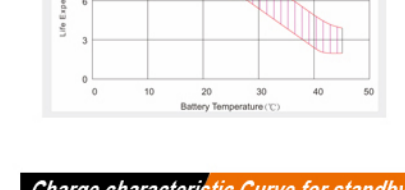
### >>Application

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

### Dimensions



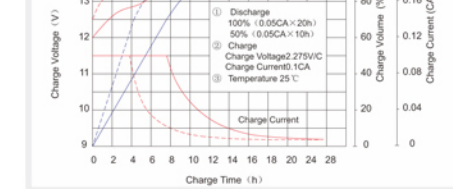
### Effect of temperature on long term float life



### Storage characteristic



### Charge characteristic Curve for standby use



### Discharge characteristic Curve

