

# GF-51314

## Low-voltage LFP Battery



- All new a grade LFP battery
- 6000 cycle life
- Scalable up to 15 modules
- Plug-and-play
- IP20/IP65 available

The GF Series low-voltage LFP battery is a high-performance, scalable solution with a flexible modular design, adaptable to diverse energy storage needs.

### ADVANTAGE



**HIGH  
EFFICIENCY**



**SPACE  
SAVING**



**EXPANDABLE  
SYSTEM**



**EASY  
INSTALLATION**



**BLUETOOTH**

## SPECIFICATION

### Electrical

Model	GF-51314
Cell type	LiFePO4
Rated voltage	51.2 VDC
Voltage range	43.2 ~ 57.6VDC
Nominal capacity	314Ah
Rated capacity	16.07kWh
Standard charge/discharge current	100A
Maximum charge/discharge current	200A
Expandable parallel connection	1 ~ 15pcs
Discharge depth	90%
Cycle life <sup>[1]</sup>	≥8000 Cycles

### Environmental

Ambient humidity	≤80%RH (No condensation)
Operating temperature	Charge: 0 ~ 55°C Discharge: -20 ~ 55°C
Storage temperature	-20 ~ 55°C
Altitude	≤2000m
Cooling method	Natural cooling

### Communication

Display	LCD display/LED indicator light
Communication	CAN/RS485/Bluetooth

### Mechanical

Dimension	860*550*270mm
Weight	125kg
Protection level	IP20
Installation method	Floor-mounted

### Conformance

Safety regulations	IEC 62619
EMC	EN IEC 61000-6-1/2/3/4
Transportation	UN 38.3

[1] Test conditions: 0.2C charge/discharge, ambient temperature maintained at 25±2°C, 80% DOD

