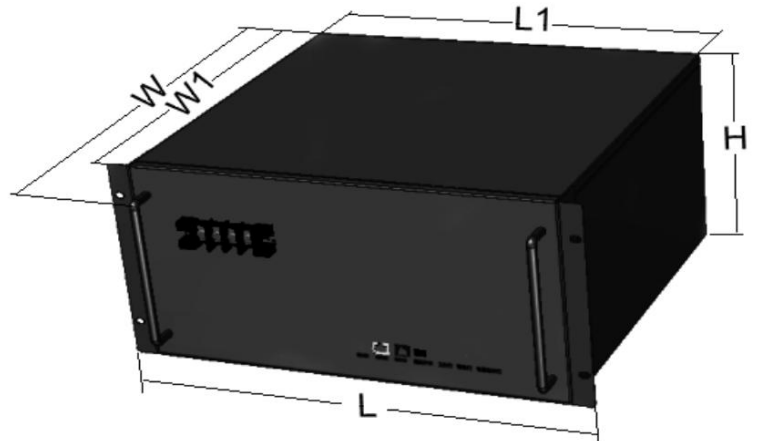


## Lithium iron phosphate battery

### 51.2V 100Ah

#### Feature:

- Ultra-long life, the service life can reach 10-15 years.
- The battery pack can be charged at any time, discharged at any time, and requires no maintenance.
- The battery has excellent safety performance, and there are no safety hazards such as fire and explosion.
- With battery management system, it has protections such as overcharge, over-discharge, over-current, over-temperature and short circuit
- Does not contain any pollutants, green and environmentally friendly batteries.



For reference only, the actual product shall prevail.

#### Applications:

- Home energy storage
- Industrial Equipment
- Communication base station
- Backup power

#### Parameter table:

Characteristics	Parameter	Condition
Rated voltage	51.2V	
Rated Capacity	100Ah	@0.2C <sub>5</sub> A discharge
Maximum charging voltage	58.4V	CC/CV
Standard charging current	20A	
Maximum charging current	100A	Customizable
Standard discharge current	20A	
Maximum discharge current	200A	Customizable
Discharge cut-off voltage	40V	@0.2C <sub>5</sub> A discharge
Charging temperature	0 ~ +45℃	
Discharge temperature	-10 ~ +60℃	
Storage temperature	-20 ~ +45℃	≤1 month
	-20 ~ +25℃	3-12 months
	25℃	>12 months
Cycle life	≥2,000	80%DOD@ 0.2C
Waterproof level	IP65	
Communication protocol	RS485/RS232/CAN	Optional
Output method	M8	Customizable
Packing	Iron shell	
Weight	Approx: 42.3kg	Subject to the actual
Size	540*340*220mm	

**Lithium iron phosphate battery**

**Curve graph:**

