

Lithium iron phosphate battery

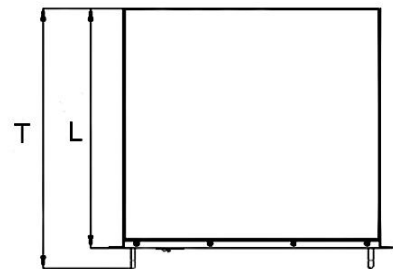
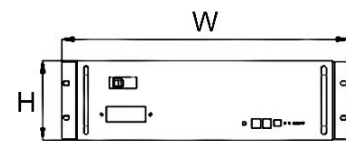
51.2V 50Ah

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.

Applications:

- Robotic
- Backup Power
- Wind/Solar Energy
- Light Electric Vehicle
- Other Industrial equipment



For reference only, the actual product shall prevail.

Parameter table:

Characteristics	Parameter	Condition
Rated voltage	51.2V	
Rated Capacity	50Ah	@0.2C ₅ A discharge
Maximum charging voltage	58.4V	CC/CV
Standard charging current	10A	
Maximum charging current	50A	Customizable
Standard discharge current	10A	
Maximum discharge current	50A	Customizable
Discharge cut-off voltage	40.0V	@0.2C ₅ 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	Metal/ABS	Customizable
Weight	Approx: 31.6kg	Subject to the actual
Size	133*483*400*434mm (H*W*L*T)	±3mm

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Curve graph:

