

EnerBank 12-180

12V-180Ah LiFePO₄ Battery with BMS

Super Safe with Aluminum-Die-Casting Cover

> 12 Years Service Life

> 5,000 Cycles



Application

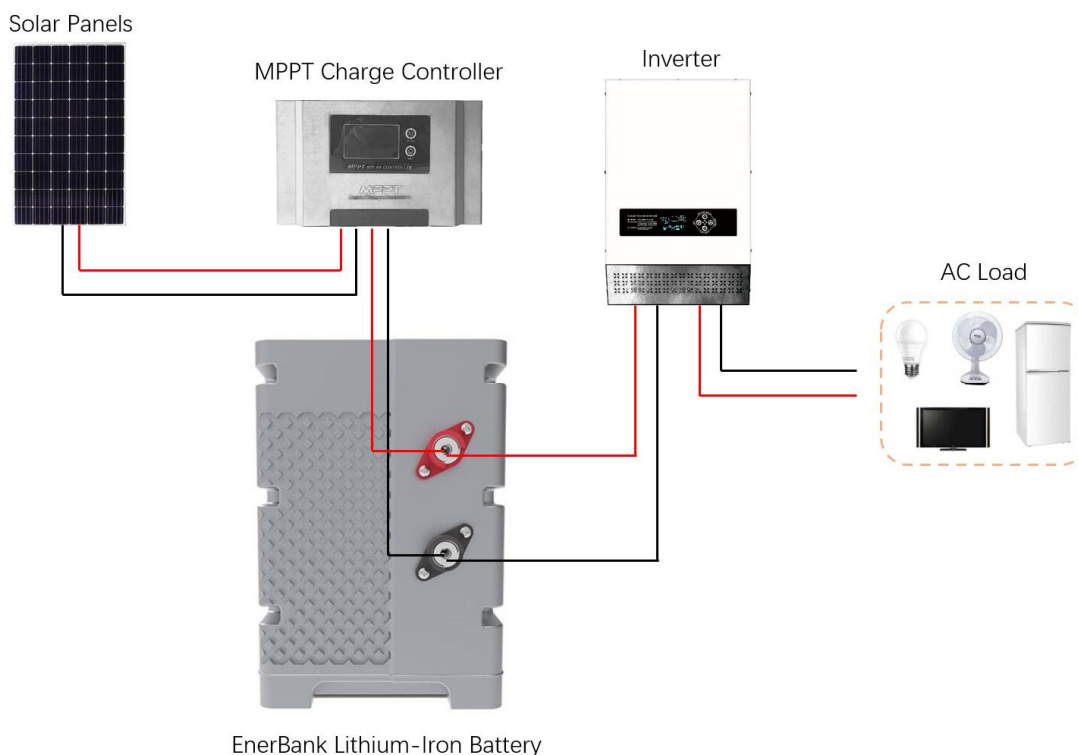
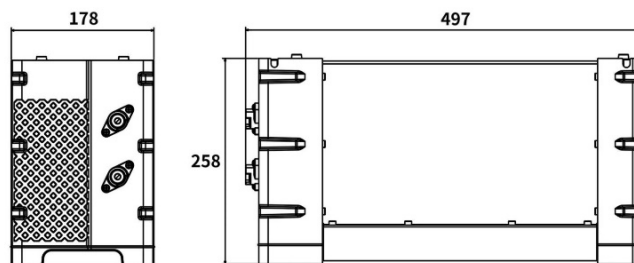
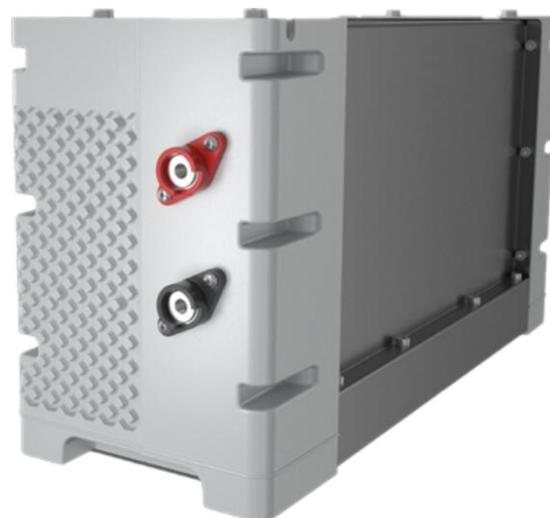
- Home solar system
- Other energy storage system
- Telecom
- UPS

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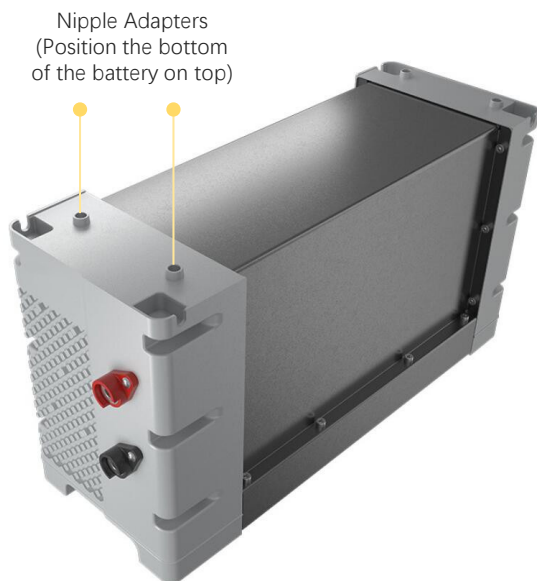
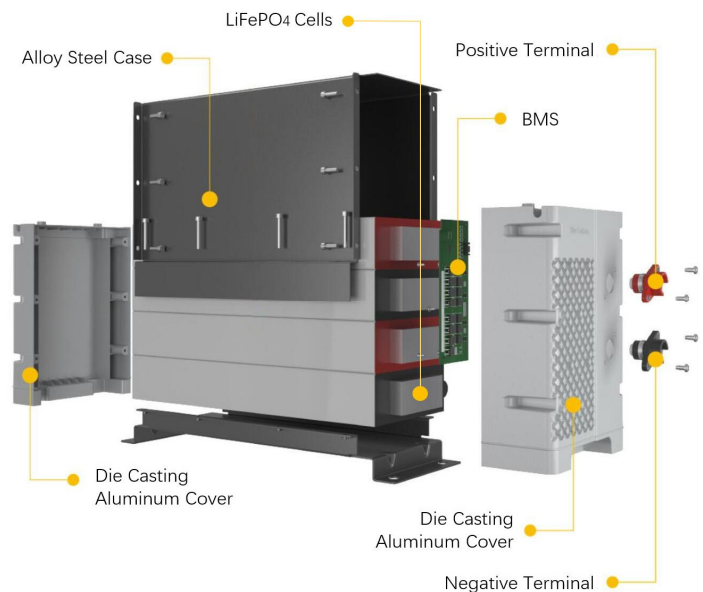
Technical Specifications

Model	EnerBank 12-180		
Capacity	180Ah	Rated Voltage	12.8V
Charge Voltage	14.4 - 15.0V	Discharge Depth	> 80%
Chemistry	LiFePO ₄	Self Discharge	< 3%/month
Recommended Charging Current	60A		
Max. Charging Current	100A		
Max. Discharging Current	100A		
Cycle Life Span	> 2000 times @ < 1C discharge > 5000 times @ < 0.4C discharge		
Operating Temperature	- 20°C to 70 °C		
Recommended Working Temp.	10°C to 45 °C		
BMS Protection	Over Charge Protection Voltage: 14.6V		
	Over Discharge Protection Voltage: 10.0V		
	Over Current Protection		
Net Weight	32 kg (71 lbs)		
Dimensions	497 x 178 x 276 mm (19.6 x 7.0 x 10.9 inches)		
Packaging Size	575 x 260 x 335 mm (22.6 x 10.2 x 13.2 inches)		



Advantages

- At the same capacity, the weight of Garnde EnerBank LiFePO₄ battery is only 60% of that of lead-acid or gel battery, while the volume of LiFePO₄ battery is 90% of that of lead-acid or gel battery.
- Above 5000 cycles life span at less than 0.4C discharge, much longer than lead-acid or gel battery.
- It has no memory effect and can be used whenever it is charged.



- No heavy metals and rare metals, non-toxic, pollution-free, green battery.
- The P-O bond in the battery crystal is stable, and the safety performance is high after strict safety test.
- Multi level protection structure, including alloy steel case and die-casting aluminum covers, explosion-proof, fire-proof, safer.



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