

## EnerBank 12-100

12V-100Ah LiFePO<sub>4</sub> Battery with BMS

Super Safe with Aluminum-Die-Casting Cover

> 12 Years Service Life  
> 5,000 Cycles



### Application

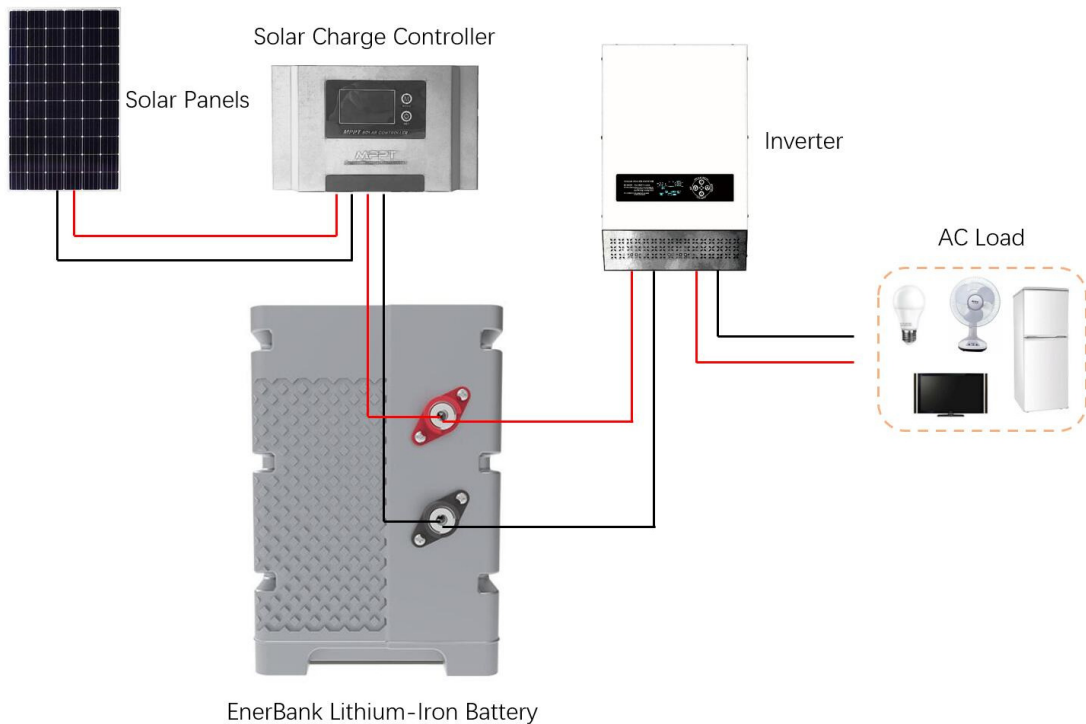
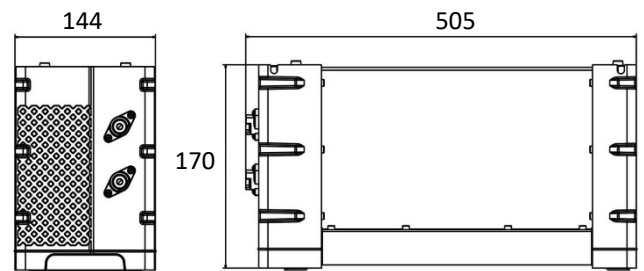
- Home solar system
- Other energy storage system
- Telecom
- UPS

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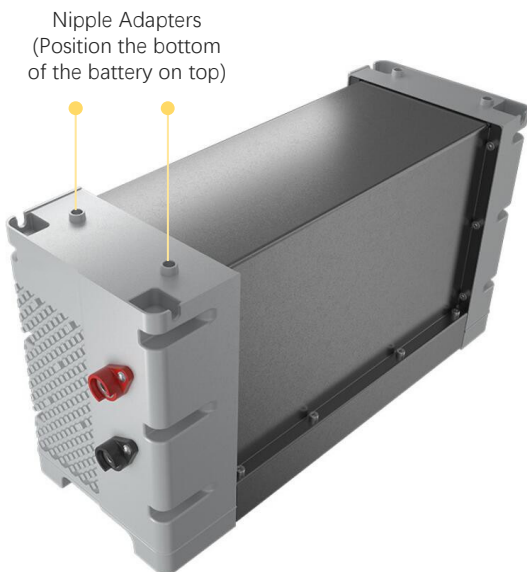
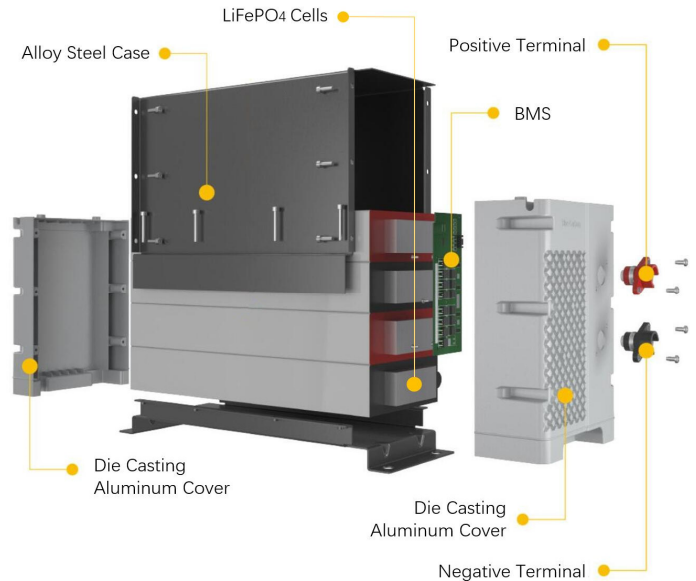
### Technical Specifications

Model	EnerBank 12-100		
Capacity	100Ah	Rated Voltage	12.8V
Charge Voltage	14.4 - 15.0V	Discharge Depth	> 80%
Chemistry	LiFePO <sub>4</sub>	Self Discharge	< 3%/month
Recommended Charging Current		40A	
Max. Charging Current		80A	
Max. Discharging Current		80A	
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	18 kg (40 lbs)		
Dimensions	505 x 144 x 188 mm (19.9 x 5.7 x 7.4 inches)		
Packaging Size	575 x 220 x 260 mm (22.6 x 8.7 x 10.2 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.



# **GARNDE**

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