



# LiFePO4 Battery Pack 52V MeritSun Power

What is a meritsun Powerwall battery?

MeritSun Powerwall Home Battery: Essential LiFePO4 storage for residential use and solar system, compatible with any solar inverter, cost reduction, and energy independence.

What is a LiFePO4 battery?

The lithium-ion system uses LiFePO4 as the cathode material and has an ambient operating temperature range of -15 C to 55 C. The Guangzhou-based manufacturer offers a 12-year warranty and says the storage system can be stacked in series to reach larger capacities. The battery also features a patented built-in battery management system.

Does meritsun have a lithium battery?

"In order to meet the needs of these customers, MeritSun launched the Powerwall 15KWH lithium battery." The battery measures 600 mm x 1100 mm x 230 mm and weighs 165 kg. The device has a storage capacity of 15 kWh, a rated capacity of 300 Ah, and a voltage of 48 V.

What is LiFePO4 & how does it work?

Powered by LiFePO4 clean chemistry material, it seamlessly integrates with any brand of solar power system inverters. Experience the ultimate interactive and monitoring experience with its LCD/color touch screen. Its slim wall-mounted design offers flexibility and convenience, with capacity options ranging from 5kWh to 15kWh.

How many kWh can a 48 volt battery store?

Chinese battery provider Meritsun says its new 48 V battery has a storage capacity of 15 kWh and a rated capacity of 300 Ah. Meritsun, a Chinese battery manufacturer, has unveiled a new lithium-ion storage system for residential solar arrays.

How many cycles can a lithium ion battery last?

The device has a storage capacity of 15 kWh, a rated capacity of 300 Ah, and a voltage of 48 V. It also features a depth-of-discharge (DoD) of 95% and can purportedly operate for more than 8,000 cycles. The lithium-ion system uses LiFePO4 as the cathode material and has an ambient operating temperature range of -15 C to 55 C.



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