

5.12kWh Lithium Ion Battery System

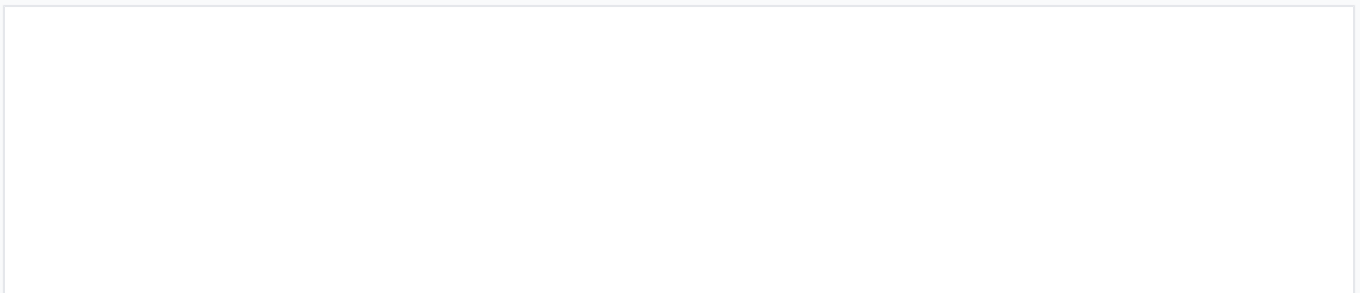
This 5.12kWh lithium ion battery system provides efficient energy storage. It is designed for residential and commercial applications, providing backup power and maximizing the use of renewable energy.



ADDITIONAL IMAGES



Overview



Example of a functional energy storage setup with inverter and battery.

High-Performance Energy Storage

This 5.12kWh lithium-ion battery system provides a reliable, scalable energy storage solution for residential and commercial solar applications. Designed for maximum efficiency, it offers a 90% depth of discharge and a roundtrip efficiency of over 99%, ensuring your solar power is used effectively. Its compact, plug-and-play design and long service life make it a versatile choice for achieving energy independence.

Performance

Rated Capacity	5.12 kWh
Roundtrip Efficiency	>99%
Depth of Discharge	90 %
Cycle Life	6000 cycles (capacity >80%)

Electrical

Charge/Discharge Current

100 A

Recommended

150 A

Maximum

Rated Voltage

51.2 V

Voltage Range

44.5 - 58.2V

Physical

Dimensions (W x H x D)

342mm x 600mm x 207mm

Weight

52 kg

Compliance

Our products meet rigorous international standards for safety and quality.

Safety Standards

CE, RCM, TUV (IEC62619), UL1973, ROHS