



240 kWh battery solar kit

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Introducing the EG4 18kPV All-In-One Hybrid Inverter - the ultimate power solution for any solar project! This innovative hybrid inverter combines the functionality of a grid-tied and off-grid system together while eliminating the need for charge controllers or transformers to create a convenient, independent, all-purpose powerhouse. It also boasts an extensive list of certifications and compliances, helping it meet typical electrical regulations.

EG4 Storage Solutions 6 Slot Battery Rack, featuring an enclosed cabinet design. The cabinet door swings open on a sturdy hinge, allowing easy access to the equipment and cables for easy installation. The door panel locks securely to help prevent damage, tampering, and/or theft. The front door is vented, allowing for air to flow freely and keep equipment cool. Top and bottom ports allow for easy cable routing.

Signature Solar offers 2/0 AWG battery cables designed to outlast and outperform any other cables on the market. These are American Made and Manufactured. 2/0 AWG Battery Cable UL MTW/THW/SGT Flexible with ends, 3/8 inch ring terminal end.

Plug and play with 50ft of PV Wiring! These are complete with Male/Female MC4 connections. Outdoor rated and weatherproof to suit any Solar Array Design. The wires are meant for connecting and extending Solar Panels and Array Strings as well as bringing Strings to your Inverter. Plug as many as you'd like together to create the exact size you need for your project.

Small clips for securing PV cables to panels. Better than tie wraps.

EG4 Lithium Iron Phosphate battery 51.2V (48V) 5.12kWh with 100AH internal BMS. Composed of (16) UL listed prismatic 3.2V cells in series which have been tested at 7,000 deep discharge cycles to 80% DoD - fully charge and discharge this battery daily for over 15 years without issue. Reliable and rigorously tested, with a 99% operating efficiency.

The EG4 LiFePOWER4 Communications Hub streamlines and maximizes your solar power system by interpreting and translating multiple 48V battery management system (BMS) protocols. It serves as a liaison between your 48V battery and inverter, communicating with a diverse range of BMS protocols, and offers real-time monitoring. This eliminates the requirement to check each battery individually, guaranteeing the optimal performance of your solar system.

EG4-LL lithium batteries offer second to none performance and longevity. Get peace of mind knowing our batteries are designed to last for more than 7000 deep charge and discharge cycles and have a life cycle of more than 15 years with an 80% depth of discharge daily.



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Questions? Get In Touch!

Question? Give us a call

Had to do minor modifications but is working well

The complete kit had everything and easy to follow instructions.

Contact us for free full report

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