



Backup power system 16 kWh

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Our Scalable Battery Backup Systems can be customized from 4 kW to 80 kW to meet your specific needs. Each battery backup power kit includes a Schneider or Outback inverter with Discover, SimpliPhi, or VRLA batteries housed inside our NEMA enclosures.

As a major solar distributor we sell products to both retailers (who resell our products) and end-users. We rely on our retailers to provide our products in small quantities to individual customers.

This kit features Enphase IQ8 microinverters, which offer greater shade tolerance and more flexible system design options. Unlike string inverter systems, the IQ8s allow you to install panels at different orientations without impacting system performance. You can also build a system as large or small as you like, and easily expand your solar capacity down the road without needing to modify your existing system.

GoGreenSolar's DIY solar kits empower you to install your own solar system, and our team of solar experts is on hand to guide you through the process. Once you're ready to go solar, we can provide a free solar panel analysis for your property, size a custom system kit to suit your needs, and offer optional permitting and interconnection services to help you navigate the approvals process.

Rather leave the installation to a professional? Sourcing a solar kit from GoGreenSolar and hiring a local contractor to install it can still save about 25% vs. hiring a national solar installer to manage your project. (See our overview of solar panel installation costs.)

SunSpark's 330-watt 60-cell panels come in a smaller form factor than 72/144-cell panels. The smaller size makes these panels easier to lift on to the roof and mount. Though the panels are smaller in form, they are just as efficient as their larger counterparts, which can be a huge help if you need to fit as much solar as possible into limited roof space. That means SunSpark's 60-cell panel kits allow for the most flexibility in terms of system sizing and layout options.

If you're looking for high-quality American-made panels, this SunSpark solar panel kit could be right for you. This kit contains (48) 330W panels, which will generate a total of 15,840 watts or 15.84 kW of continuous power. (If you have different energy needs, our design team is happy to size a custom kit for you!)

This kit features (48) Enphase IQ8 microinverters, which offer some of the most advanced solar technology available on the market. Microinverter systems are more shade-tolerant, meaning they will produce more power than a string inverter system if a panel is partially shaded.

The IQ8s also allow for more flexible system design. Because there's no central string inverter unit, each panel + IQ8 pairing acts like its own self-contained solar power system. The modular nature of this system



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means you can install panels facing in any direction, without worrying about string sizing limitations.

This kit includes sturdy Ironridge racking materials to mount your solar panels on your roof or a foundational ground mount structure. Contains enough racking materials to mount the 48 solar panels included in this kit.

Ground mount systems require the construction of a metal substructure to support the weight of the solar array. The metal pipe/tube, concrete and other materials needed to build this structure are not included in this kit; be sure to budget for these extra costs. As part of our permitting package, GoGreenSolar provides a full shopping list of materials which will need to be sourced from your local hardware store.

For roof mount systems, the National Electric Code requires a rapid shutdown system to be installed for each individual panel in your array. Rapid shutdown allows the system to be completely de-energized at the flip of a switch.

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