



# Off-grid energy storage 65 kWh

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Small-node Battery Energy Storage Systems (BESS), combining high performance with silent operation

Our 30 kVA/65 kWh battery storage solutions provide a whisper-quiet, dependable source of stored energy for a variety of applications.

From major events to downtown construction and contracting, our 30 kVA battery range gives you a way to use energy more flexibly while reducing carbon and noise emissions. Whether you're working within strict regulatory guidelines or minimizing your impact on the surrounding environment, we'll help you with a turnkey on-grid or off-grid solution complete with HVAC, fire protection, and everything else you need.

Our plug-and-play, data-driven 30 kVA battery can be deployed stand-alone, connected to existing energy sources, or alongside dependable generators as part of a hybrid solution. All with onboard remote monitoring and energy control software so you can understand and optimize performance.

We deliver reliable and scalable energy storage systems tailored to projects of any size. Our solutions maximize efficiency, cut emissions, and lower costs. Whether you need temporary backup or a long-term energy strategy, we provide flexible, modular systems that adapt to your specific needs without the need for large capital investments. Trust us to keep your energy operations running smoothly with our advanced technology.

We developed our Greener Upgrades initiative to support our customers in making choices that are kinder to the environment. These small shifts make a big difference in lowering regulated emissions like NO<sub>x</sub>, particulate matter (PM), and CO. Also, CO<sub>2</sub> emissions can be reduced by minimizing fuel consumption and utilizing environmentally friendly biofuels.

Energy, power, HVAC and oil-free rental solutions

Figuring out how many batteries you need can be daunting.

If you don't have enough battery capacity, you run out of power and you'll need to add solar battery backup and fire up the backup generator.

On the other hand, if you buy too many batteries, you add unnecessary expense to your system, with extra components, complexity and maintenance.

Sizing solar batteries is one of the first steps in designing your off-grid system.



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For example:  $1,000 \text{ watts} \times 10 \text{ hours per day} = 10 \text{ kWh per day}$

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Web: <https://kary.com.pl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

