



# 16 kWh battery monitoring system

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Blue Planet Energy has launched a new energy storage system, the Blue Ion HI. The stackable, maintenance-free lithium system is backed by a 15-year performance warranty to ensure reliable power delivery, day or night, on or off grid.

"The Blue Ion HI is an extremely reliable, no maintenance, long-term investment, and my customers love its high-quality, sleek design aesthetics," said Jeff Richardson, president of CPM Design & Construction, a solar + storage and home construction expert in Hawaii. "It also takes about half the time to install the Blue Ion HI compared to other systems, and its ability to be easily stacked maximizes energy density while minimizing installation footprint."

From a removable door to no-drill conduit knockouts, Blue Ion HI is purposefully engineered for streamlined installation. Its proprietary racking system allows installers to easily place and stack the lithium ferrous phosphate (LFP) battery modules and to quickly expand capacity in units of 8, 12 or 16 kWh as customers' energy needs evolve over time, without system overhauling or additional accessories. The battery cells and modules within the Blue Planet Energy products are certified to the highest safety standards in accordance with UL 9540A Test Method.

Blue Ion HI works with any standard inverter and is equipped with Blue Planet Energy's intuitive N?maka communications platform, which integrates with on-site existing energy systems -- including renewable energy installations, on-site generators and the local electrical grid -- to visualize performance data and inform actionable insights around energy usage patterns.

As subject matter experts, we provide only objective information. We design every article to provide you with deeply-researched, factual, useful information so that you can make informed home electrification and financial decisions. We have:

Incorporated third-party data and information from primary sources, government agencies, educational institutions, peer-reviewed research, or well-researched nonprofit organizations.

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Blue Planet Energy is a US-based battery manufacturer on a mission to eliminate the use of carbon-based fuels while powering the world with reliable, affordable, clean energy. Their Lithium Ferrous Phosphate (LFP) batteries boast safety and are backed by leading warranties, making them compelling products for anyone looking to install a battery system. Their newest product, the Blue Ion HI, is a powerful, safe, and sleek battery



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system built in the USA that pairs well with solar panel systems.

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A qualified EnergySage-approved installer can give you the best information about the Blue Ion home battery system and other energy storage options available to homeowners today.

The Blue Planet Energy Blue Ion HI pairs well with solar panel systems, especially if your utility has reduced or removed net metering, introduced time-of-use rates, or instituted demand charges for residential electricity consumers. Installing a storage solution like the Blue Ion HI with a solar energy system allows you to maintain a sustained power supply during both day and night, as long as you store enough energy from your solar panels when the sun is shining.

The Blue Ion HI is a premium, modular battery system from manufacturer Blue Planet Energy. The Blue Ion HI is a Lithium Ferrous Phosphate (LFP) battery, as opposed to the traditional Lithium-Ion NMC technology used in many batteries. This type of chemistry offers longer life, improved reliability, and increased safety. The physical battery has a few unique features: a lock and key door, removable access panels for ease of installation and service, and even a configurable shape (vertical or horizontal options) to make fitting a Blue Ion HI on your property as easy as possible.

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