Sonnen batteries reviews



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"This is smart solar. This is actually the solution for energy transition," Sonnen CEO Blake Richetta told CNET. "In other words, you're reducing your carbon footprint far more and you're providing a real solution for getting rid of fossil fuel-based power plants. What that also means to you is a lower electric bill."

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Solar batteries are part of a complex home energy system, with energy needs and solar panels differing from house to house. This makes hands-on testing of these products difficult. Instead, this review is based on specs and information provided by Sonnen online and an interview with Richetta to make sure we have the most up-to-date information.

Sonnen offers three different residential batteries in the US: the SonnenEvo, SonnenCore Plus and EcoLinx. Each battery can provide backup power, which is nice. But Sonnen batteries are designed for a connection with the company's virtual power plant program. Sonnen also offers a commercial and industrial EcoLinx battery called the EcoLinx 100. This review covers only Sonnen's residential battery models.

Sonnen is a German company, specializing in virtual power plant, or VPP, and grid-services technology in Europe. Now Sonnen has brought its VPP technology to the US.

"Sonnen has never been a battery that has had anything to do with anything but virtual power plants," said Richetta. "Harnessing solar and harmonizing it into the greater grid operation and transforming intermittent renewable generation into something that's usable in the grid has always been Sonnen's work."

The Sonnen VPP virtually connects a local network of Sonnen batteries together to form a virtual renewable power plant capable of servicing the power grid. Participating in the Sonnen VPP can help lower your electricity bill and reduce your carbon footprint. You'll also receive cash payments for participating in grid services. Plus, you'll still receive backup power.

You'll be eligible for participation in the Sonnen VPP with the purchase of any Sonnen battery model, but the Sonnen EcoLinx has access to a wider variety of grid services.

The majority of your Sonnen battery's components are built into the unit enclosure itself, so purchasing separate components isn't necessary with this system. This compact design also means you won't



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have a bunch of boxes hanging on the wall. You won't have to buy all these boxes to make things happen, Richetta said. Everything you need is under one system.

Sonnen's residential batteries offer pretty good capacity options, but the Core Plus and Evo models are a bit lackluster when it comes to modularity. This makes future capacity upgrades more difficult.

However, the EcoLinx is very modular, offering homeowners capacity between 12kWh and 20kWh, installed in increments of 2kWh. Or you can purchase a standalone 30kWh unit.

We'd also like to reiterate that Sonnen batteries were designed to primarily function with VPP technology, unlike other batteries, which are typically designed to function solely as a backup power source or solar storage. But if you choose to use a Sonnen battery as a backup power source, Sonnen offers fairly large capacity sizes.

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