



Panasonic energy storage 160 kWh

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Panasonic Corporation of North America has revealed the new generation of its EverVolt home battery, a modular energy storage device that supports both DC and AC coupling. This flexibility makes the battery a good fit for both new and existing solar installations.

Each battery is modular in increments of 4.6 kWh of usable energy, offering up to 18.4 kWh per battery. Up to four EverVolt batteries can be connected to one SmartBox, achieving up to 30 kW of power and 72 kWh of usable energy. Up to 15.2 kW of solar modules can be connected to three maximum power point trackers. The battery offers up to 7.6 kW of continuous backup power in a single battery.

The battery's 160 A AC current helps keep more appliances running continuously, and it can use both 120 V and 240 V with no transformer needed. It is rated for a 6,000 cycle lifespan and has a 98% peak efficiency rating and 97.5% CEC weighted efficiency. It also enables 200% PV oversizing, meaning solar capacity can exceed inverter capacity by up to 200%.

The battery system can be installed indoors or outdoors and is UL9540A certified for unit level thermal runaway. Panasonic includes a 12-year product warranty for the battery. The warranty covers product, performance and labor across all major systems and components of the solar installation, said Panasonic.

"With the increased focus on clean energy, the EverVolt Home Battery System provides homeowners with a new, enhanced solution for energy management that is easy to install and can be used with new and existing solar systems," said Mukesh Sethi, Director, solar and energy storage, Panasonic Eco Systems North America.

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