



# Panasonic energy storage 15 kWh

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Introducing the Panasonic EverVolt Gen 3.0 - it's so much more than just a battery. This is a Comprehensive Energy Storage System (CESS) that redefines what energy storage can do.

Imagine a system so advanced it can directly intake DC power from your solar panels, eliminating the need for an inverter. Now imagine the same system also capable of taking in AC power from an existing solar system or directly from the grid. The EverVolt Gen 3.0 makes all of this possible!

But the game-changing features don't stop there. With the addition of the optional SmartBox, this power-packed CESS leaps ahead of the competition. This ingenious device puts you in control, prioritizing devices based on your preferences. It even automatically manages circuits to maintain optimal storage based on weather forecasts during an outage. The result? Extended storage capabilities that far surpass what other batteries offer.

While competitors were busy building basic Energy Storage Systems (ESS), Panasonic was revolutionizing the industry. With the introduction of the Panasonic EverVolt Gen 3.0, we aren't just meeting demand - we're smartly driving the future of energy storage. Prepare to be electrified!

The Panasonic EverVolt Gen 3 Battery is a fully integrated residential energy storage solution that combines a hybrid inverter and a lithium iron phosphate (LFP) battery all in one. This innovative design allows homeowners the flexibility to pair it with an existing solar system or connect new solar panels directly to it.

The system supports both DC and AC input, making it suitable for new and existing PV systems. It even allows up to 200% DC input oversizing with 3 MPPTs for higher yields and flexible design. This means that homeowners can maximize their energy production and storage, ensuring a reliable power supply even during power outages.

The Panasonic EverVolt Gen 3 Battery supports both AC and DC coupling, but what does this mean for home and business owners? In simple terms, AC and DC coupling refers to the way both the DC from solar panels and the AC from the Grid or the Generator is connected to the battery.

In a DC-coupled system, the solar panels are connected directly to the battery storage, and the energy is stored as DC power. This is a more efficient system as it avoids the energy loss that can occur when converting power from DC to AC, potentially, without the need for inverters.

On the other hand, an AC-coupled system involves the Energy Storage System connected to AC sources such as the current from the Grid, from an existing solar system, or from a supplementary generator. This AC power from any of these resources is then stored and then used to run the home's electrical appliances in case



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of an outage.

The Panasonic EverVolt Gen 3 Battery's ability to support both AC and DC coupling provides home and business owners with greater flexibility and control of how they store and use their solar energy. It also ensures that they can make the most of their solar panels, regardless of whether they have a new or existing system.

The Panasonic EverVolt Gen 3 Battery is a game-changer in the solar industry. Its ability to support both AC and DC coupling, its user-friendly design, and its smart energy management features make it an excellent choice for homeowners looking to maximize their solar energy storage. With the EverVolt Gen 3 Battery, harnessing the power of the sun has never been easier or more efficient. It is expected to be available in Fall 2023, further advancing the possibilities of renewable energy for homeowners.

"Everybody's needs are different. Some of the houses are big, some are small. Some want more power for air conditioning or running other heavier loads. So we have flexibility for whatever they can get or want, and load management capacity," Mukesh Sethi, director of solar and energy storage at Panasonic, told CNET.

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