



## SolarEdge Launches New Home Hub and Wave Inverters with Embedded Power Control System (PCS) Aimed at Reducing Installation Costs

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MILPITAS, Calif.--(BUSINESS WIRE)--Aug. 9, 2023-- [SolarEdge Technologies](https://www.businesswire.com/news/home/20230809585133/en/), Inc. ("SolarEdge") (NASDAQ: SEDG), a global leader in smart energy technology, today unveils the latest version of its market leading SolarEdge Home Hub and Wave inverters in the U.S.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20230809585133/en/>



The new SolarEdge inverters will be integrated with power control system (PCS) technology, enabling the installation of PV systems that are more than 50% larger without requiring costly and time-consuming main panel upgrades (MPU).

With the new embedded PCS technology, the SolarEdge inverters can now monitor, balance, and control the currents on the main panel busbar, resulting in the ability to install larger PV systems than allowed today by the National Electrical Code 120% rule<sup>1</sup>. This means that a typical home with a 200 Amp main panel would be able to install up to three 11.4kW SolarEdge inverters without going through a main panel upgrade<sup>2</sup>.

Furthermore, the SolarEdge DC-coupled architecture enables up to 200% DC

The new SolarEdge Home Hub and Wave Inverters, expected to be available by the end of 2023 across the U.S. (Photo: Business Wire)

oversizing and storage of excess PV in the SolarEdge Home DC-coupled battery.

The PCS technology will be embedded in the new SolarEdge Home Hub and Wave inverters requiring only the current transformers (CTs) to be installed on the main panel, with no additional external connector boxes, further simplifying installation and commissioning.

Other improvements in the inverter include software innovations for faster commissioning, and automotive-grade critical components for enhanced inverter reliability.

**Zvi Lando, Chief Executive Officer of SolarEdge**, said: "Customers are seeking to install larger PV systems on their rooftops and financial considerations play a crucial role in their decision making. With the new SolarEdge inverters, installers will be able to offer their customers bigger PV systems while avoiding main panel upgrades, significantly improving the economics of PV and battery storage across the U.S."

The new embedded PCS technology will be demonstrated at the SolarEdge booth at RE+ (#3311) and is expected to be available for order by the end of the year.

### About SolarEdge

SolarEdge is a global leader in smart energy technology. By leveraging world-class engineering capabilities and with a relentless focus on innovation, SolarEdge creates smart energy solutions that power our lives and drive future progress. SolarEdge developed an intelligent inverter solution that changed the way power is harvested and managed in photovoltaic (PV) systems. The SolarEdge DC optimized inverter seeks to maximize power generation while lowering the cost of energy produced by the PV system. Continuing to advance smart energy, SolarEdge addresses a broad range of energy market segments through its PV, storage, EV charging, batteries, electric vehicle powertrains, and grid services solutions. Visit us at: [solaredge.com](https://solaredge.com)

<sup>1</sup> National Electric Code (NEC) 2020 705.12

<sup>2</sup> Per the local utility permit.

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