



# Solaredge 11 4kw inverter datasheet

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The 11.4 kW SolarEdge is a small, lightweight and easy to install single-phase solar inverter. It has fixed-voltage (for longer strings) HD-wave inverter specifically designed to work with power optimizer. The SE11400H-US integrated with arc fault protection and rapid shutdown. Built-in module-level monitoring with wireless or ethernet internet connections. UL1741 SA certified and supplied with RS485 surge protection for lightning events.

The SolarEdge PV inverter combines sophisticated digital control technology with efficient power conversion architecture to achieve superior solar power harvesting and best-in-class reliability.

A proprietary data monitoring receiver has been integrated into the single phase solar inverter and aggregates the power optimizer performance data from each PV module. This data can be transmitted to the web and accessed via the SolarEdge monitoring portal for performance analysis, fault detection and troubleshooting of PV systems.

Solaris is a leading online solar energy supply store serving American homeowners and businesses. We design and supply quality Solar Power Kits, both preconfigured and custom tailored for your needs. Our wholesale pricing reflects the relationships we carry with the manufacturers we stock, ensuring the best deals for our customers.

We carry everything you need for your grid-tied or off-grid system, including plans, permits and diagrams. Our Solar Panels, Inverters, Racking and Mounting are second to none in quality, reliability, efficiency and lifespan. When going solar with us, we help you every step of the way in sourcing the products that matter for your investment.

Let us design and supply your system for less using the best products in the solar energy market. We are proud to be a preferred distributor for solar installers and DIY homeowners alike.

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Solaris-shop designs, supplies, and delivers complete solar energy systems for homeowners, and installers. We use only the highest rated manufacturers in our design layouts, customized for your specific needs and requirements. We have a commitment to excellence for our valued customers, offering wholesale pricing that ensures a powerful return on your investment, for years to come.

SE11400H-US000BEU4 HD-Wave, 1-Ph, Non-Isolated Grid Tied Inverter, 11,400W, 240Vac, 60 Hz, 12



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Year Warranty / Optional 25 Year Warranty ? UL1741 SA certified, for CPUC Rule 21 grid compliance, NEC 2020 Compliant

The SolarEdge HD-Wave PV inverter (SE11400H-US000BNU4) combines sophisticated digital control technology with efficient power conversion architecture to achieve superior solar power harvesting and best-in-class reliability.

A proprietary data monitoring receiver has been integrated into the single phase solar inverter and aggregates the power optimizer performance data from each PV module. This data can be transmitted to the web and accessed via the SolarEdge monitoring platform for performance analysis, fault detection and troubleshooting of PV systems.

SolarEdge's HD-Wave technology inverter, winner of the prestigious 2016 Intersolar award, breaks the mold of traditional inverters. Using a novel power conversion technology that is based on a distributed switching and powerful DSP processing, the HD-Wave technology inverter is able to synthesize a clean sine wave that leads to a dramatic reduction in the magnetics and heavy cooling elements. This small and lightweight inverter enables simplified shipping and storing and one-person installation. The record-breaking efficiency allows more energy production for an improved ROI.

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