

Domestic Content Rooftop Solutions



Three Phase Inverters with Synergy Technology

Ideal for commercial and industrial rooftops, community solar, carports, and more

- / 50kW-120kW models, that last up to 175% DC/AC oversizing
- / Reduces time onsite with pre-commissioning before grid connection



Three Phase Inverters

Maximizes energy production and safety for small-medium commercial PV projects

- / 10kW-40kW models, with up to 175% DC/AC oversizing
- / Integrated arc fault protection and rapid shutdown



Power Optimizers

Maximizes energy production, with built-in proactive safety and full visibility

- / US-manufactured C651U is intended to be eligible towards domestic content for the federal income tax bonus credit when paired with certain SolarEdge commercial inverters*
- / Compatible with all module types including high power and bi-facial

*SolarEdge does not provide tax and/or legal advice. You should consult with your own legal and/or tax advisor(s) regarding the eligibility of your project for the ITC or PTC, including the 10% domestic content bonus, to determine how the applicable rules apply to your particular project.



SolarEdge TerraMax™ 1500Vdc Inverters & H1300/H1500 Power Optimizers

Designed for ground mounted community solar, utility scale, agri-PV and more

- / 250kW, 285kW, 330kW
- / Single DC input architecture with virtual central topology and Module-level MPPT
- / Reduced BoS (Balance of System) and O&M costs
- / H1500 Power Optimizers support high power PV modules

Surge Protection Devices



Protects the AC/DC power lines and RS485 communication buses of SolarEdge Three Phase Inverters from electrical surges, such as lightning



Cellular Communications

Wireless connection to the SolarEdge monitoring server via cellular network



Energy Meter & Current Transformers

Supports high accuracy production/consumption monitoring, and export limitation





SolarEdge ONE for C&I

A cloud-based energy optimization platform

The new and improved Monitoring and Controls Platform. By optimizing the performance of all onsite energy assets, the SolarEdge ONE ecosystem helps to save costs and lower operational expenses.



Enables data-driven decisions and actions

- Provides real-time insights from fleet and site levels down to individual modules and devices



Includes comprehensive O&M capabilities

- Digital Twin tool that provides real-time data for quick site inspections and detailed performance analysis
- Reduced time onsite with remote device configuration and troubleshooting
- Pre-configured and customizable charts for detailed site analysis
- Automated alerts ensuring proactive maintenance and fast resolution



SolarEdge Designer

Design and plan C&I PV projects for maximizing and optimizing energy production

- AI-assisted roof detection and 3D roof modeling
- AutoCAD import/export support
- Smart DC & AC cabling calculation provides accurate yield to costs



Installation and Commissioning Tools

SolarEdge Go: The new on-the-go app for SolarEdge partners that consolidates solar installation, site & fleet monitoring, alerts management, and remote services for streamlined end-to-end operations.

SetApp: Quick PV system commissioning, pairing and configuration directly from the installer's mobile device.



SolarEdge ONE Manager (New)

The SolarEdge ONE Manager is an all-in-one hardware solution serving as the communication gateway for seamless integration of weather sensors, energy meters and SolarEdge inverters.

It enables improved plant performance monitoring and controls for owners and asset managers.

- ONE Monitoring platform for Plant and Fleet performance – Inverters, optimizers, energy meters, weather sensors in one location
- Improved telemetries for performance ratio, availability by using local sensors
- Ability for inclusion of additional sensors and meters (consumption, etc.)
- Optional cellular connection for the plant, to the internet
- Better protection against unauthorized access with a cyber-secured gateway for external communication

