Domestic Content Rooftop Solutions

Three Phase Inverters with Synergy Technology

Ideal for commercial and industrial rooftops, community solar, carports, and more
/ 50kW-120kW models, with up to 175% DC 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 oversizing
/ Integrated arc fault protection and rapid shutdown

Power Optimizers

Maximizes energy production, with built-in proactive safety and full visibility
/ NEW: US-manufactured C651U and C652U models are 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.

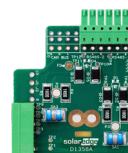### SolarEdge TerraMax™ Inverters & H1300/H1500 Power Optimizers

Designed for ground mount and carport projects
/ 250kW, 285kW @600V, 330kW @690V
/ Single DC input architecture with virtual central topology and Module-level MPPT
/ Reduced BoS (Balance of System) and O&M costs
/ Supports high power PV modules, H1500 Power Optimizers are coming soon

Environmental Sensors

Measures environmental conditions such as irradiance, temperature and wind, which can be used to calculate site performance ratio

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
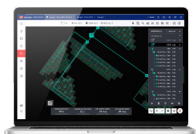
SolarEdge ONE Controller (New)

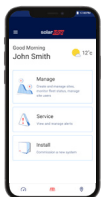A local communication gateway that seamlessly integrates the site's sensors and energy infrastructure

/ Supports integration with third-party digital environmental sensors and energy meters
/ Encased in a weatherproof, heat-resistant outdoor enclosure
/ Combines with SolarEdge ONE for C&I to optimize the use of locally generated energy
/ Acts as a cyber gateway for external communications, designed to protect against unauthorized access

SolarEdge ONE Controller device

Weatherproof enclosure

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.

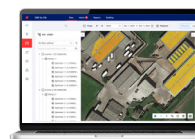* Current release supports monitoring features only, with additional functionality coming soon

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*

A single ecosystem for energy optimization

/ Optimizes site production and consumption
/ One place to manage and monitor all onsite energy infrastructure, including PV, EV chargers and building assets

Enables data-driven decisions and actions

/ Supports strategic decision-making based on customer goals and market trends
/ 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

* Currently available to select customers. Wider availability coming shortly

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