



# SolarEdge Commercial Product Guide

SolarEdge commercial solutions are driven by our DC-optimized technology, diverse product offering and industry-leading PV safety features. Together, they help us meet the growing demand and complexities of the rapidly evolving commercial solar market, and provide our partners with the capabilities to power their PV business.



## Three Phase Inverters

Maximizes energy production and safety for commercial PV projects

- 20kW-40kW models, with 175% oversizing
- Fixed voltage inverters for superior efficiency and longer strings
- Integrated arc fault protection and optional rapid shutdown



## Three Phase Inverters with Synergy Technology

Ideal for commercial and industrial rooftops, Agri-PV, carports, floating PV, and more

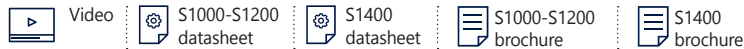
- 66.6kW-120kW models with 175% oversizing
- Combines large capacity with ease of installation
- Reduces time onsite with automatic system validation before grid connection
- Streamlined cabling and lower BoS costs with single DC connection option



## S-Series Power Optimizers

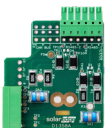
Maximizes PV module production and lowers DC BoS costs while providing module-level preemptive safety and visibility

- S-Series models include: S1000, S1200, S1400
- Advanced safety features for maximum protection of people and property
- Includes SolarEdge Sense Connect technology which avoids thermal issues via early detection of improper connector issues or malfunctions
- Compatible with all module types including high power, bi-facial and G12 (for S1400)
- Module-level optimization with 2:1 PV module to Power Optimizer ratio



## Energy Meter

Supports high accuracy production/consumption monitoring, and export limitation



## Surge Protection Devices

Protects the AC/DC power lines and RS485 communication buses of SolarEdge commercial inverters from electrical surges, such as lightning.



## Commercial Storage Systems

Allows businesses to unlock their full energy potential with multiple storage solutions



### SolarEdge CSS-OD (coming soon\*)

- 102.4kWh rated outdoor battery with 50kW battery inverter
- Delivered in a pre-assembled cabinet for minimal on-site work
- Customize AC-coupled sites with up to two batteries per SolarEdge inverter, and scale up to 1MWh per site
- Advanced battery safety features including fire detection and double fire suppression mechanisms



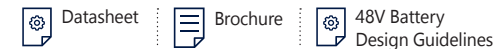
### SolarEdge CSS-ID (coming soon\*)

- DC-coupled indoor storage solution rated up to 66kWh per battery unit
- Supports SE20-SE33.3K inverters as well as AC coupled installations
- Advanced safety features including arc detection, module-level BMS, and reverse polarity hardware protection
- Lightweight, compact and modular design for easy two-person installation



### SolarEdge Battery 48V

- Enables stacking of multiple battery modules per inverter for increased capacity (up to 69kWh per site)
- Indoor/outdoor, on-grid battery featuring 94.5% round-trip efficiency
- Integrates seamlessly with SolarEdge Three Phase & Synergy Technology inverters (requires connection of SolarEdge Home Hub Inverter - Three Phase)
- Includes enhanced safety features for battery protection



\* For expected availability in your region, please check with your local SolarEdge representative



## SolarEdge EV Charger

Enables commercial EV charging stations that harness the power of the sun

- Utilize excess solar production for EV charging
- Up to 32A/22kW charging power
- ME/MID compliant
- OCPP compatible
- Optional RFID card



SCAN TO LEARN MORE ABOUT SOLAREGE COMMERCIAL SOLUTIONS

[solaredge.com](https://solaredge.com)

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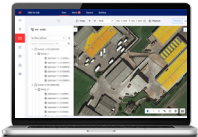
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## SolarEdge ONE for C&I\*

A cloud-based energy optimization platform, designed specifically for C&I energy professionals.

Replaces the current Monitoring Platform with new and improved site monitoring, management and reporting tools. By optimizing the performance of all onsite energy assets, the SolarEdge ONE ecosystem helps to save costs, lower operational expenses and meet ESG goals throughout PV systems' lifetime.



### A single ecosystem for energy optimization

- Optimizes site production, consumption and storage
- One place to manage and monitor all onsite energy infrastructure, including PV, storage, EV chargers and building assets
- Saves on complicated third-party integrations

### Enables data-driven decisions and actions

- Orchestrates decision-making based on customer definitions and market conditions
- Provides real-time insights from fleet and site levels down to individual modules, devices and battery cells
- One data inventory that serves multiple functions and needs within the organization



### Includes comprehensive O&M capabilities

- Digital Twin tool that merges a site's virtual representation with real-time data for quick site inspections and detailed performance analysis
- Reduced time on site with remote device configuration and troubleshooting
- Extensive pre-configured and customizable charts enabling a deep dive into site operation
- Automated alerts ensuring proactive maintenance and fast resolution

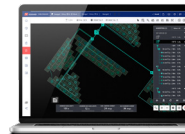
\* Currently available for qualified customers only



## SolarEdge ONE Controller for C&I (coming soon)

Onsite gateway that seamlessly integrates a facility's energy infrastructure.

- Combines with SolarEdge ONE to optimize the use of locally generated energy for lower energy charges
- Complies with grid regulations to enable safe, reliable electricity generation (PPC)
- Gathers data and conducts in-depth analysis for professional operations and maintenance (O&M) purposes
- Pre-integrated with digital weather sensors and an energy meter
- Includes cybersecurity mechanisms designed to protect the local network from unauthorized access



## SolarEdge Designer

Plan C&I PV projects for maximizing and optimizing energy production, storage and backup

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



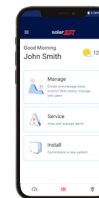
Designer Overview



Commercial System Design



Designer webpage



## Installation and Commissioning Tools

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



SolarEdge Go webpage

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



SetApp webpage

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



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