

CC&I Offering for Developers, Asset Owners & EPCs

for North America



About SolarEdge

Our Fields of Vision



Carports



Small-Medium Enterprises



Ground Mount/Community Solar



Agriculture



Educational Institutions



Healthcare



Government



Floating Systems



Retail/Warehouses



Global Reach with North American Specialization

SolarEdge (NASDAQ: SEDG) is a global leader in smart energy, having revolutionized sustainable energy with a ground-breaking intelligent inverter solution that decreases energy costs while maximizing energy production.

360° Support

From project design through to commissioning and O&M, SolarEdge is here to help you grow your business all across North America. Our support centers, service fleet, and tools are available around the clock.

Corporate Social Responsibility

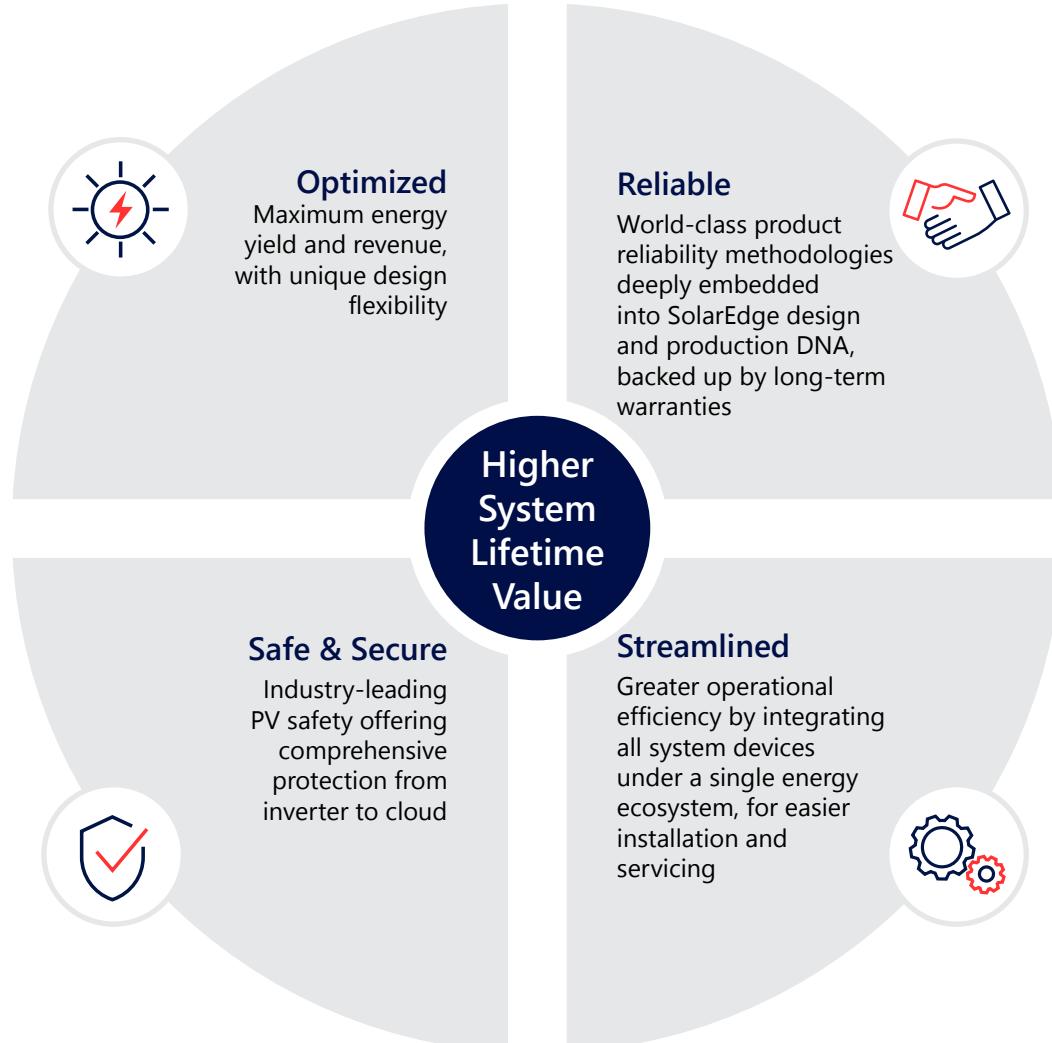
SolarEdge is committed to a sustainable world and is in full compliance with international standards on quality and control, ethical conduct, and environmental protection.

Read our [2022 Sustainability Report](#).

SolarEdge's Standout Values

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.





Optimized

Maximum Energy Yield in Commercial Installations

Common in commercial installations, module-level mismatch occurs when PV modules in a string have different Maximum Power Points (MPPs), usually the result of soiling, shading, uneven terrain, or module aging. This decreases the energy yield of the entire string.

With Power Optimizers connected to each module, the SolarEdge solution mitigates power losses caused by module mismatch, resulting in maximum production from each module. The underperformance of one will not affect the rest of the system.

Unique Design Flexibility

With module-level power optimization and maximum design flexibility, more modules can be installed on the roof for increased system capacities which enable shorter project payback periods.

SolarEdge Power Optimizers enable installation of modules in partially shaded areas, strings of uneven lengths, in multiple orientations and different roof facets.

Learn more about SolarEdge
safety features



Brochure

Video



Safe & Secure

A world leader in solar safety

The SolarEdge solution is synonymous with safety, with over 50% of Fortune 100 companies having installed our systems on their rooftops. Our comprehensive suite of safety-related technology helps prevent thermal events before they occur. We meet and exceed NEC code requirements, including NEC 2014, 2017, 2020 and UL3741 PV Hazard Control.

SolarEdge's multi-layer PV safety approach is built on three main foundations*:



Prevention:
Identify early signs
for electric arcs, at the
module level

/ SolarEdge Sense
Connect

/ Built-in temperature
sensors



Detection:
Report errors in
real-time to shorten
response time

/ AFCI - Arc detection
algorithm

/ Monitoring system
with pinpointed alerts



Mitigation:
Trigger automatic
actions to minimize
the risk when issues
occur

/ SafeDC™

/ Rapid Shutdown

Comprehensive protection from inverter to cloud:

SolarEdge is committed to promoting cybersecurity across our entire line of smart inverters, worldwide data & communication infrastructure, and data centers. We diligently follow cybersecurity best practices across all our digital assets and aim to comply with all relevant industry regulations, such as ISO27001 and GDPR.



* Our safety features may vary between different products and firmware versions



Reliable

- ✓ 25-year Power Optimizer warranty and up to 12-year inverter warranties, extendable to 20 years (for selected inverters)
- ✓ Global manufacturing capabilities with tier 1 electronic manufacturing service companies
- ✓ SolarEdge products and components undergo rigorous testing, and have been evaluated in accelerated life chambers
- ✓ Reliability strategy includes proprietary application-specific ICs (ASIC)
- ✓ Able to withstand the harshest of environments: resistant to ammonia, humidity, dust and saline, functional in a wide temperature range of -40° F to +140 ° F
- ✓ All inverter models are UL1741 SA certified, for CPUC Rule 21 grid compliance

"DNV GL views SolarEdge's approach to product reliability to be thorough and following good engineering practices. These include design for reliability, reliability testing, and analysis of field failure data."

Source: DNV GL (a leading global risk assessment company) - PV Optimizers and PV Inverter Technology Review, Nov. 2019

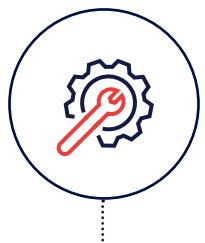


Streamlined

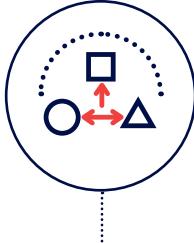
SolarEdge enhances operational efficiency by integrating all devices across our energy ecosystem, including external sensors, and employing an open API approach for third-party applications.

This empowers you to manage the entire energy ecosystem through a single platform and optimize workflows for faster system deployment and reduced resources.

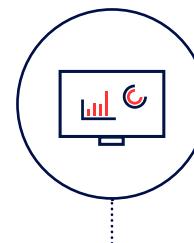
Streamlined Processes



Seamless Integration
With SolarEdge product suite



Open API
For third-party applications



Controlled by a Single Platform
Manage the entire energy ecosystem from a single device

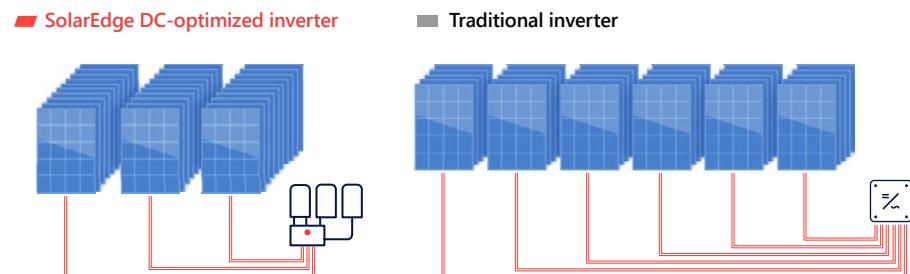
Achieve Higher Lifetime Value

Reduced BoS Costs

SolarEdge Power Optimizers enable more power per string. This means longer and fewer strings when compared to traditional string inverter systems.

The reduction in wiring, combiner boxes and fuses can result in up to 50% BoS savings.

SolarEdge solutions require less wiring:



Greater O&M Savings

In addition to installation cost savings, lifetime maintenance costs are also lower with SolarEdge.

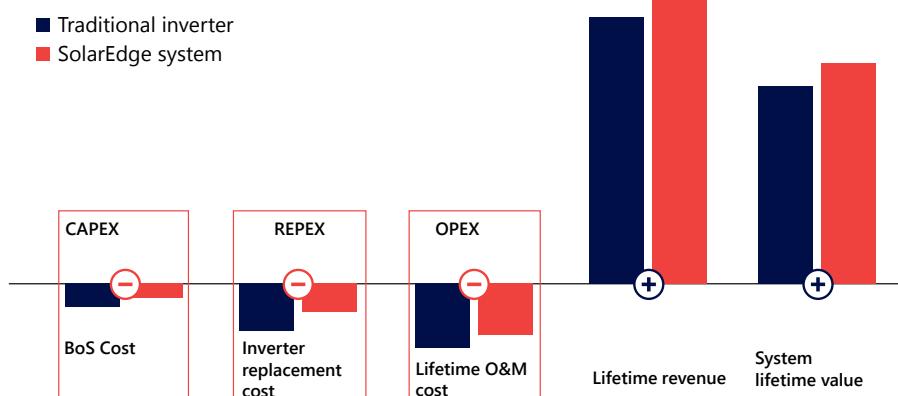
Our module-level monitoring and remote troubleshooting capabilities transforms O&M from a manual, resource-intensive process to an automated, at-a-glance service, ensuring that every plant is performing to the best of its ability at all times.

Maximized System Revenue

The SolarEdge solution offers better Levelized Cost of Energy (LCOE) over the system's lifetime by maximizing yield and reducing costs. It maximizes power generation at the individual module level, which leads to a higher lifetime revenue from PV systems.

When combining greater yield performance with additional savings in Balance of System, Operation & Maintenance and inverter replacement costs, SolarEdge ensures higher value to the customers during the asset lifetime.

Lifetime PV system cost and revenue:



Our Rooftop Offering



**Commercial Rooftops
Installations**

1.32MW Medline CT, USA

SolarEdge Offering for Commercial rooftops

Our diverse portfolio is designed to cater to a wide array of C&I rooftop applications. It encompasses a range of product offerings tailored to meet various needs and goals while ensuring optimal performance for every site.

PV Production



Energy Optimization Solutions



SolarEdge ONE for C&I (coming soon)



SolarEdge
ONE
Controller



EV
Management
wevo



Building
Loads
Hark

Examples of commercial rooftop applications:



PV Production

Three Phase Inverters with Synergy Technology

Ideal for large-scale solar rooftop projects

Reduce time onsite with installation validation, even before grid connection. Deliver more energy with up to 175% DC oversizing, keep costs low with modular design and provide confidence with advanced, built-in safety features.

50kW for 208V grids | 80kW, 100kW, 110kW, 120kW for 480V grids

- ✓ Maximize system performance with 175% oversizing, DC Single Input and PID rectifier
- ✓ Reduce time onsite and lower costs with innovative pre-commissioning features to mitigate COD risk
- ✓ Stay safe with integrated rapid shutdown and thermal sensors on DC, AC terminal blocks
- ✓ Install faster with lightweight, modular units and one central manager, for easy installation and maintenance
- ✓ Increase system uptime by pinpointing issues using module-level monitoring



Additional Resources

[Webpage](#)[Installation Guide](#)[Brochure](#)[Video](#)[50kW Synergy Inverter for 208V grid](#)[80kW-120kW Synergy Inverters for 277/480V grid](#)[120kW Synergy Inverter for ground mount installations](#)

Three Phase Inverters

Ideal for small-medium size solar projects

Drive more power, more safety, and more savings into a broad range of C&I projects including rooftops and carports. Go bigger with up to 175% DC oversizing and ensure peace of mind with industry-leading safety features.

10kW, 17.3kW for 208V grids | 30kW, 40kW for 480V grids

- / Deliver more energy by pairing with SolarEdge Power Optimizers
- / Reduce BoS costs by up to 50% with longer strings and flexible design
- / Experience easy installs with compact, lightweight inverter units
- / Maximize system uptime by pinpointing issues with module-level monitoring
- / Instill confidence with integrated arc fault protection and rapid shutdown



Additional Resources



Webpage



Installation
Guide



10kW-17.3kW
for 120/208V
grid



30kW-40kW
for 270/480V
grid

S-Series Power Optimizers

Our most advanced generation of Power Optimizers yet

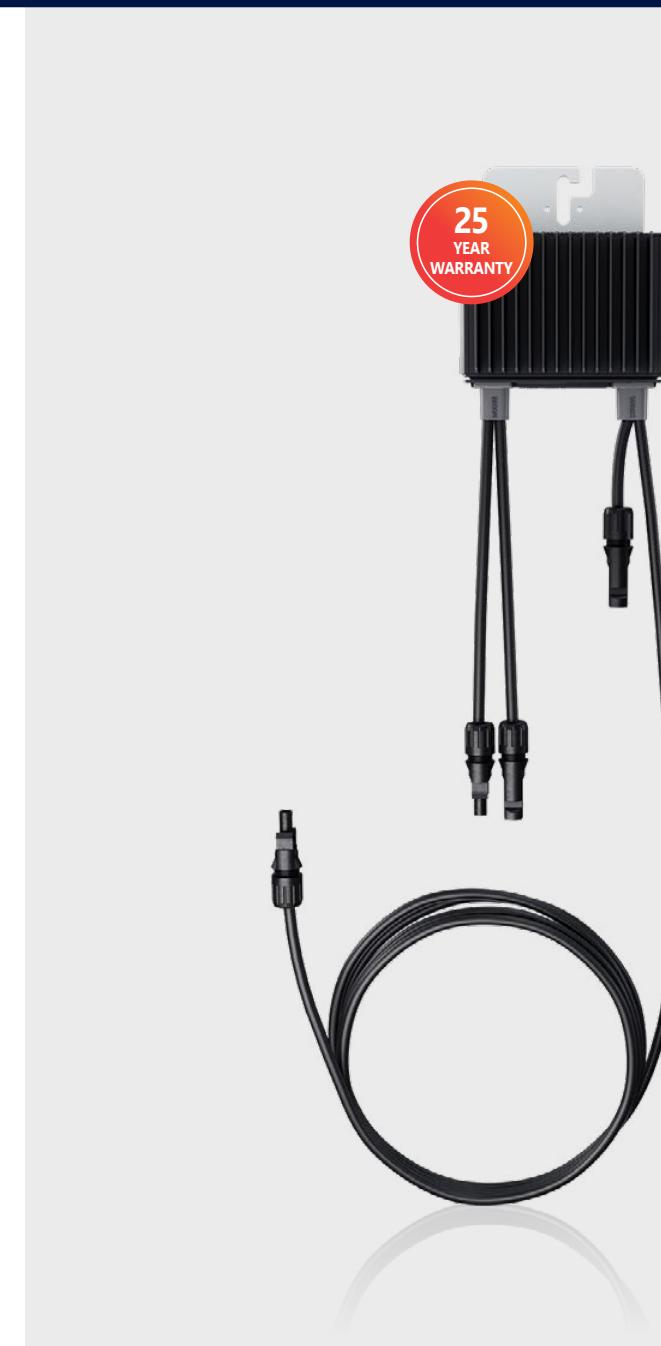
By connecting one Power Optimizer to every two modules in a commercial PV array, PV module production is boosted and all types of module mismatch losses are mitigated, all while ensuring the highest levels of system safety.

- / Increase overall system yield and revenue by tracking the maximum power point of each individual PV module
- / Overcome complex layouts by installing modules in multiple orientations and tilts, including support for different module types in the same string
- / Support installations requiring high input current, bi-facial and high-power modules
- / Lower your BoS costs with flexible system design that enables fewer, longer strings, strings of different lengths and 50% less cables, fuses and combiner boxes
- / Simplify O&M and ensure continuous uptime with remote troubleshooting, pinpointed fault detection and module-level performance monitoring
- / Maximize protection of people and property with advanced, built-in safety mechanisms such as SafeDC™ and SolarEdge Sense Connect. Compliant with NEC 2014, 2017, 2020 and 2023

Power Optimizer models

- / S1200: for ground mount
- / S1201: for rooftop, including Rapid Shutdown

Additional Resources

[Webpage](#)[SolarEdge
Sense Connect
Technical Note](#)[S1200/
S1201
Brochure](#)[Video](#)[S1200 \(for
ground mount
installations\)](#)[S1201](#)

Energy Optimization Solutions - Coming Soon

SolarEdge ONE for C&I

Optimize PV, EV charging and building loads

An end-to-end energy management system, which helps businesses reduce operational costs and maximize profits. Designed to utilize real-time internal and external data to make intelligent decisions and optimize energy, through its various modules:

- / PV Management – gain PV production forecasts generated based on past patterns of each site correlated with forecasted weather and expected irradiance conditions
- / EV Management - designed to optimize EV charging based on grid constraints and solar energy availability, which contributes to grid stability and to reducing peak demand. (Powered by Wevo)
- / Building Energy Management - designed to connect, analyze, and optimize industrial assets, buildings, and energy in real-time. (Powered by Hark)

SolarEdge ONE Controller

Enable effective communication and performance

The SolarEdge ONE Controller integrates and ensures the communication of the site's energy assets, including energy meters, inverters, EV chargers and building loads

- / Together with SolarEdge ONE for C&I, it optimizes use of locally generated energy, to minimize energy charges
- / Encased in a weatherproof, heat-resistant outdoor enclosure
- / Interfaces with third-party sensors and control units
- / Integrated with digital weather sensors and an energy meter
- / Complies with grid regulations to enable safe, reliable electricity generation (PPC)



System Comparison for Commercial Rooftops



**Commercial Rooftop
Installations**

700kW Harmons Grocery store, Santa
Clara Utah, USA

1.27MWp Rooftop System Comparison

The rooftop system comprises 2,650 x 480Wp modules

SolarEdge system design:

8 x SE120K Synergy Technology inverters

1,325 x S1201 Power Optimizers (2:1 module to Power Optimizer configuration)

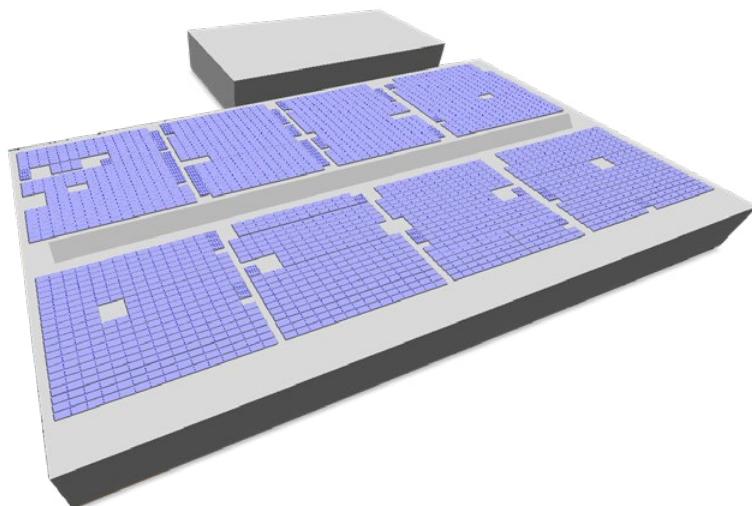
Traditional string inverter system design:

20 x 50kW inverters

The SolarEdge Energy Advantage

SolarEdge generates more energy over time due to its ability to mitigate the module mismatch caused by uneven PV module aging. Otherwise, there is the risk that eventually, the module voltage levels will decrease and exit the required voltage range needed for the inverter to perform MPP tracking.

	Traditional String Inverter System	SolarEdge System	SolarEdge Advantage
PVsyst Year 1 Yield (MWh)	1,469	1,499	2%
PVsyst Year 20 Yield (MWh)	1,314	1,388	6%



Higher BoS Cost Savings with SolarEdge

	Traditional String Inverter System	SolarEdge System
DC Power (MWp)	1.27	1.27
AC Power (MVA)	1	1
480Wp Modules	2,650	2,650
Inverters	20	8
No. of Strings	180	75
Modules per String	15	36
DC Cable CU 1 x 10 AWG (ft)	35,305	15,479
DC Combiner Box	-	-
AC Cable N2XY 4 x 3/0 AWG (ft)	-	6,604
AC Cable N2XY 4 x 2 AWG (ft)	16,939	-
AC Combiner Box	2	2
MC4 Connectors (1 pair)	360	75
Datalogger	1	-
BoS Cost (c/W)	1.58	1.14
Overall BoS Cost Savings (c/W)*	-	0.44

* Estimated savings on BoS components based on typical market prices in \$

4.4MWp Carport System Comparison

The carport system comprises 7,996 x 550Wp modules

SolarEdge system design:

28 x SE120K Synergy Technology inverters

3,998 x S1201 Power Optimizers (2:1 module to Power Optimizer configuration)

Traditional string inverter system design:

3 x 50kW inverters

51 x 62.5kW inverters

The SolarEdge Energy Advantage

SolarEdge generates more energy over time due to its ability to mitigate the module mismatch caused by uneven PV module aging. Otherwise, there is the risk that eventually, the module voltage levels will decrease and exit the required voltage range needed for the inverter to perform MPP tracking.

	Traditional String Inverter System	SolarEdge System	SolarEdge Advantage
PVsyst Year 1 Yield (MWh)	5,141	5,317	3.4%
PVsyst Year 20 Yield (MWh)	4,631	4,925	6.4%



Higher BoS Cost Savings with SolarEdge

	Traditional String Inverter System	SolarEdge System
DC Power (MWp)	4.4	4.4
AC Power (MVA)	3.34	3.34
550Wp Modules	7,996	7,996
Inverters	54	28
No. of Strings	445	252
Modules per String	17-18	30-32
DC Cable CU 1 x 10 AWG (ft)	53,999	27,001
DC Combiner Box	-	-
AC Cable N2XY 4 x 1/0 AWG (ft)	26,279	-
AC Cable N2XY 4 x 2/0 AWG (ft)	-	13,140
AC Combiner Box	-	-
MC4 Connectors (1 pair)	890	252
Dataloggers	1	-
BoS Cost (c/W)	18.49	15.4
Overall BoS Cost Savings (c/W)*	-	3.09

* Estimated savings on BoS components based on typical market prices in \$

Our Ground Mount Offering



**Large Scale Ground
Mount Installations**

6.2MW installation,
Hartford Pike, Rhode Island,
USA

SolarEdge Ecosystem for Large Scale Ground Mount

Our next-generation solution for large-scale ground mount projects is designed to overcome non-standard terrain – which may be rocky or uneven – and meet unique site requirements with resilient and versatile technology.

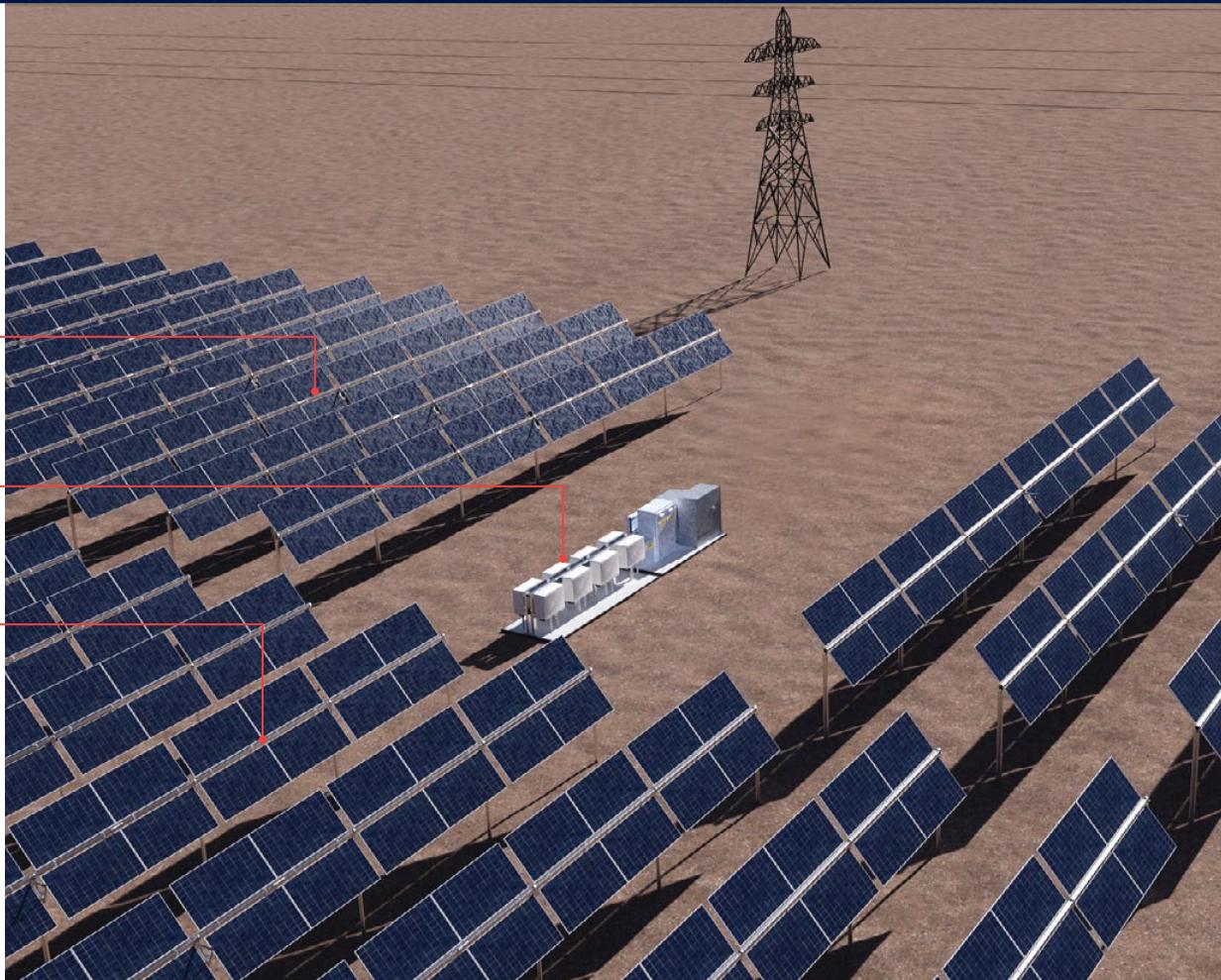
SolarEdge
Power
Optimizers



SolarEdge
Inverters



Smart
Trackers



Examples of large-scale, ground mount applications:



Community Solar



Small Utility



Agri-PV

PV Production

SolarEdge TerraMax™ 330kW Inverter and H1300 Power Optimizer

Specifically designed for community solar

SolarEdge's 1500Vdc ground mount solution is ideal for overcoming complicated challenges often posed by shading and uneven terrain on expansive community solar sites.

It reduces Levelized Cost of Energy (LCOE) through higher production and lower BoS costs and also helps streamline installs and maintenance through a unique virtual central topology featuring a single DC input architecture and module-level MPPTs.

- / Increase BoS savings: Save up to 50% on BoS costs with longer and fewer strings of up to 80 modules
- / Lower O&M costs: Fewer truck rolls with continuous and granular monitoring; reduced project schedule risks with the pre-commissioning feature
- / Deliver more energy: up to 200% DC oversizing, 99% efficiency and 100% power at high temperature levels

Additional Resources

[Datasheet](#)[Brochure](#)[TerraMax™
Webpage](#)[H1300
Webpage](#)



SolarGik Smart PV Trackers

Unlock the full potential of non-traditional terrains with PV trackers and its smart tracking control system that enables greater control over the angle of each module - unlike long solar tables.

- / Lower system and installation costs with 30% lighter trackers (20-25kg per kWp)
- / Short, independently controlled, tracker tables that increases accuracy across uneven terrain
- / Increased energy generation through smart backtracking algorithms using satellite data & weather analytics, and DNI-DHI* optimization
- / Increased reliability with high MTBF, wind sensing anticipation, intermittency smoothing and plant-specific generation forecasting
- / Lowered O&M costs through "zero maintenance" design, dirt and dew minimization, mechanical clipping for extending panels and inverters' lifetime

Allows best synergy between agricultural and energy production, maximizing optimization based on various parameters:

- / Understand solar and agricultural seasonal patterns and shifts
- / Balance sunlight distribution between crops and panels, based on crop data, weather

* Direct Normal Irradiance (DNI), Diffused Horizontal Irradiance (DHI)

System Comparison for Commercial Ground Mounts



**Large Scale Ground
Mount Installations**

Ground Mount, ACR Solar,
CA, USA

10.1MWp Ground Mount System Comparison

The ground mount system comprises 17,280 x 585Wp modules

SolarEdge system design:

24 x TerraMax™ Inverters

8,640 x H1300 Power Optimizers (2:1 module to Power Optimizer configuration)

Traditional string inverter system design:

60 x 125kW inverters

The SolarEdge Energy Advantage

SolarEdge generates more energy over time due to its ability to mitigate the module mismatch caused by uneven PV module aging. Otherwise, there is the risk that eventually, the module voltage levels will decrease and exit the required voltage range needed for the inverter to perform MPP tracking.

	Traditional String Inverter System	SolarEdge System	SolarEdge Advantage
PVsyst Year 1 Yield (MWh)	15,920	16,232	2%
PVsyst Year 20 Yield (MWh)	14,555	15,311	5%



Higher BoS Cost Savings with SolarEdge

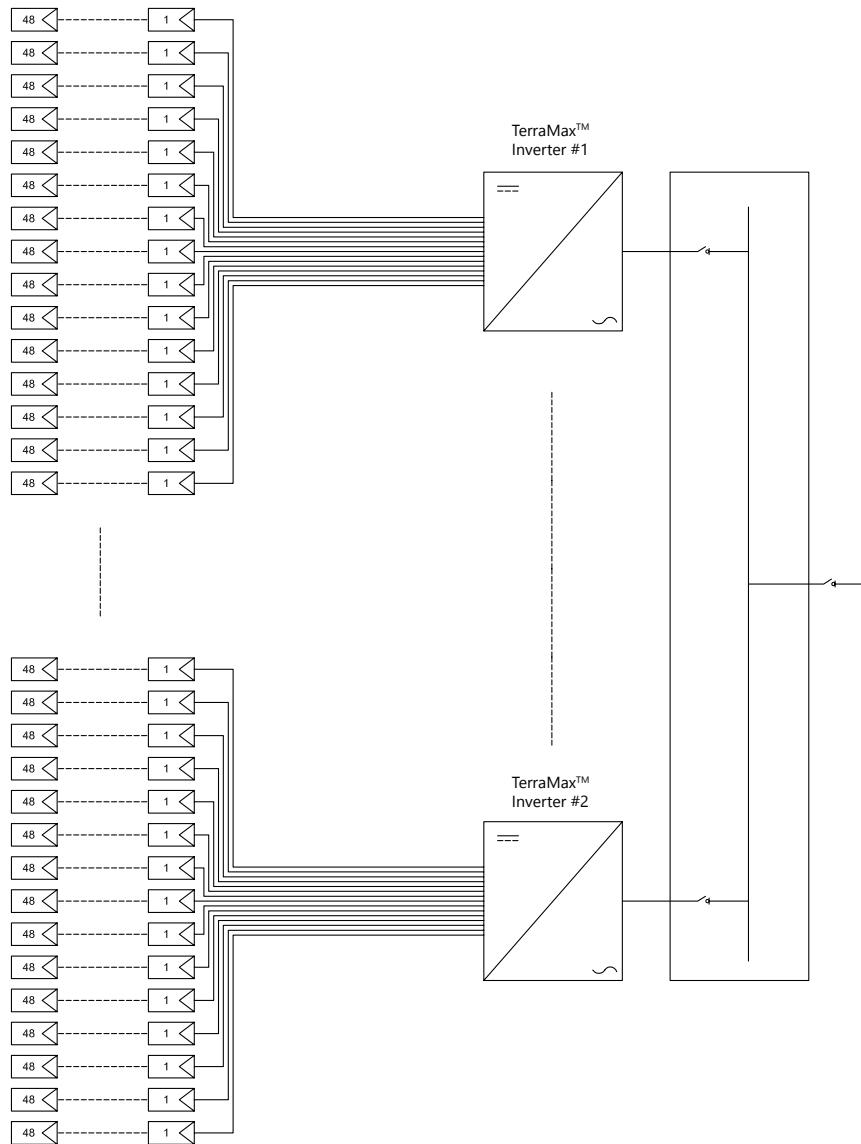
	Traditional String Inverter System	SolarEdge System
DC Power (MWp)	10.1	10.1
AC Power (MVA)	7.5	7.92
585Wp Modules	17,280	17,280
Inverters	60	24
No. of Strings	720	360
Modules per String	24	48
DC Cable CU 1 x 10 AWG (ft)	297,362	178,763
DC AL Cable 1 x 6.2/0 AWG (ft)	45,846	14,180
DC Combiner Box	60	24
AC Cable AL 4 x 6.7/0 AWG (ft)	-	2,490
AC Cable AL 4 x 2/0 AWG (ft)	8,100	-
AC Combiner Box	3	3
MC4 Connectors (1 pair)	720	360
Datalogger	1	-
BoS Costs (c/W)	6.84	4.15
Overall BoS Cost Savings (c/W)*	-	2.69

* Estimated savings on BoS components based on typical market prices in \$

10.1MWp Ground Mount System Comparison

Fewer, Longer Strings

For this ground mount system, SolarEdge achieves string lengths of 48 modules compared to just 24 modules with a traditional string inverter system. This translates to only half as many strings when installing SolarEdge.



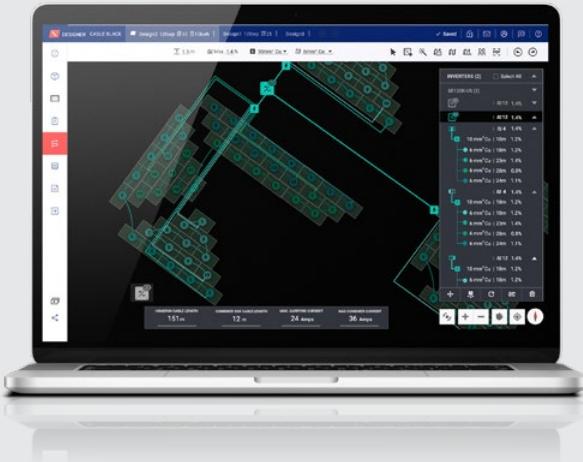
Installer and EPC Tools



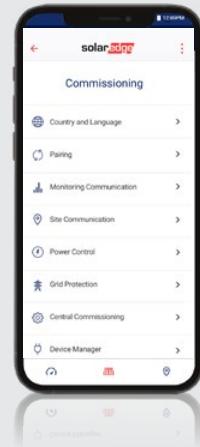
With you every step of the way

SolarEdge supports you throughout your PV project life cycle. We provide the tools and services to help you grow your business with us, from project design & pre-sale to project execution and O&M.

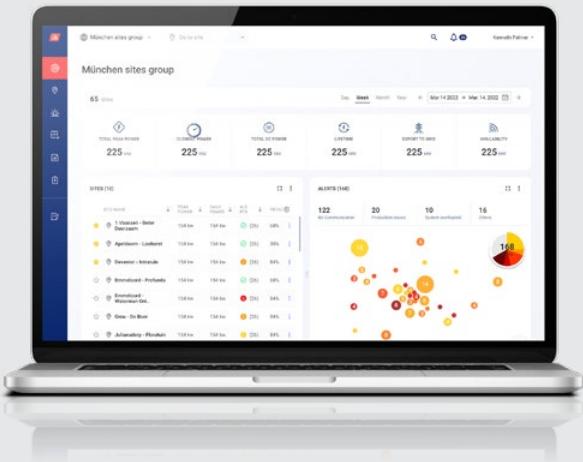
Design and Sell: SolarEdge Designer



Install: SetApp



Operate and Maintain: Monitoring Platform SolarEdge ONE for C&I (coming soon)



EDGE Academy



Become a certified
SolarEdge installer!

Login now

Empowering Solar Professionals

SolarEdge has you covered with the EDGE Academy, our award-winning learning services platform designed to transform you into a SolarEdge Pro.

Master the skills of SolarEdge commercial system installation and reduce time onsite with certified training courses that provide the practical knowledge needed to expertly design, install, and maintain SolarEdge systems.



SolarEdge Designer

SolarEdge Designer is the ultimate software tool for generating exceptional PV designs for maximized energy production. It streamlines PV system design and simulation, seamlessly translating specs into real-life installations.

From site modelling to PV layout, to electrical design, to production simulation to financial analysis, you can do it all with Designer. It's your all-in-one tool for generating a SolarEdge PV system design and creating reports and proposals for potential customers.



Designer
login

Designer
signup

SetApp

This is your go-to mobile app for streamlined inverter commissioning. Activate and configurate your installation with quick and simple step-by-step instructions.

- / Fast and easy inverter commissioning from the palm of your hand
- / Streamline the installation process with our embedded installation and configuration wizards
- / Upgrade to our latest features and check required grid regulations
- / Easily open a support request or view existing ones



Monitoring Platform

Efficiently monitor production and consumption in real-time and remotely identify and manage faults to ensure maximum uptime and energy yield.



- / Manage your fleet from a single platform with customizable smart tools
- / Receive module-level, string-level and system level data
- / Identify sites that require immediate attention with our automated alerts system
- / Perform remote, rapid troubleshooting with access to guided root-cause fault analysis

SolarEdge ONE for C&I (coming soon)

Easily accessed from any desktop, SolarEdge ONE for C&I features a dashboard of tools designed to better operate, maintain and manage the entire energy portfolio at the site.

Operate & Maintain:

- / Ensure each system component is operating to the best of its ability using key, real-time performance indicators
- / Extend system lifespan and reduce maintenance costs through proactive and pinpointed monitoring of the system's health
- / Get real-time data from both SolarEdge and third-parties, including EV and IoT devices
- / Receive live alerts on consumption pattern changes and potential issues to enable remote troubleshooting



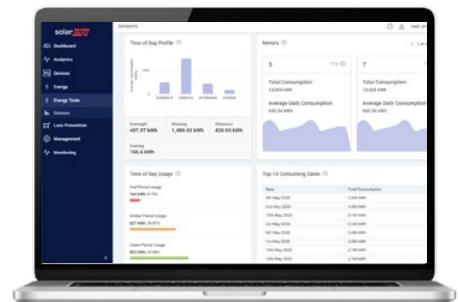
Site Dashboard



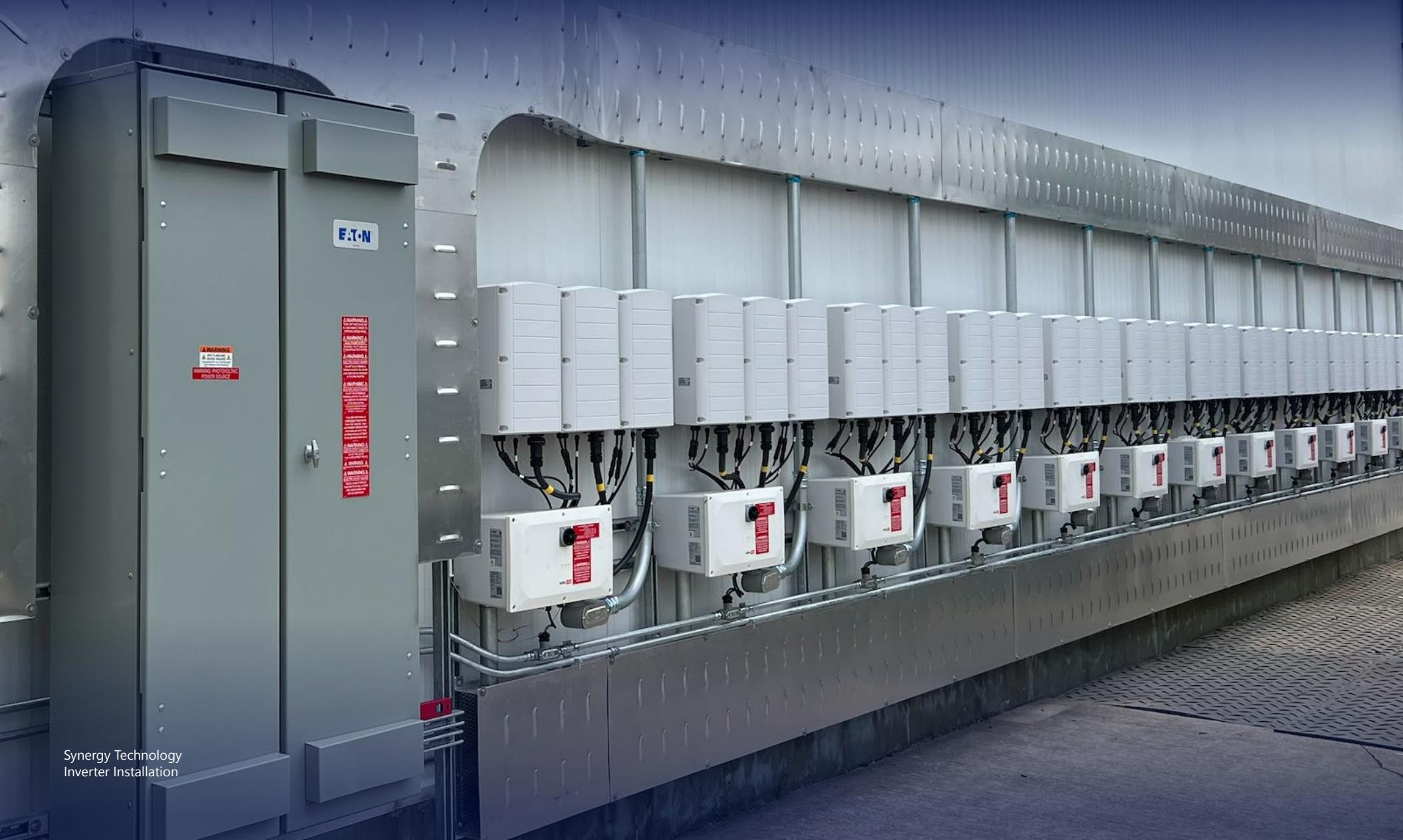
Digital Twin 3D Site Layout View

Optimize & Manage:

- / Gain PV production forecast per historical patterns of the specific site and in accordance with the expected weather and irradiance conditions
- / Optimize EV charging optimization based on available solar energy, electricity prices, and charging schedules (Powered by Wevo)
- / Optimize energy usage and save costs by enhancing the performance of all power consumption assets through real-time analytics of on-site devices, assets and sensors data (Powered by Hark)



Product Portfolio



Synergy Technology
Inverter Installation

	Part Number	Product Description
 Three Phase Inverters; with SetApp inverter configuration; 12-year warranty included	SE17.3K-USR2IBNZ4	Three Phase Inverter, 17.3kW, 208V, with AC Automatic Rapid Shutdown, DC Safety Switch, DC Fuses and AFCI
	SE30K-USR8IBNZ4	Three Phase Inverter, 30.0kW, 270V/480V, with AC Automatic Rapid Shutdown, DC Safety Switch, DC Fuses and AFCI
	SE40K-USR8IBNZ4	Three Phase Inverter, 40kW, 270V/480V, with AC Automatic Rapid Shutdown, DC Safety Switch, DC Fuses and AFCI
 Three Phase Inverters with Synergy Technology; with SetApp inverter configuration; 12-year warranty included	SE50K-US02IBNZ4	Three Phase Synergy Manager, 50kW, AC Automatic Rapid Shutdown, 208V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE50K-US02IBNW4	Three Phase Synergy Manager, 50kW, AC Automatic Rapid Shutdown, 208V, DC Safety Switch, AC/DC SPD, Combined Input
	SE80K-US08IBNZ4	Three Phase Synergy Manager, 80kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE80K-US08IBNW4	Three Phase Synergy Manager, 80kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
	SE100K-US08IBNZ4	Three Phase Synergy Manager, 100kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE100K-US08IBNW4	Three Phase Synergy Manager, 100kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
	SE110K-US08IBNZ4	Three Phase Synergy Manager, 110kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE110K-US08IBNW4	Three Phase Synergy Manager, 110kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
	SE110K-USG8IBNZ4	Three Phase Synergy Manager for ground mount systems only (no AC rapid shutdown), 110kW, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE110K-USG8IBNW4	Three Phase Synergy Manager for ground mount systems only (no AC rapid shutdown), 110kW, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
	SE120K-US08IBNZ4	Three Phase Synergy Manager, 120kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input, String Fusing
	SE120K-US08IBNW4	Three Phase Synergy Manager, 120kW, AC Automatic Rapid Shutdown, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
Synergy Manager Ratios:	SE120K-USG8IBNZ4	Three Phase Synergy Manager for ground mount systems only (no AC Rapid Shutdown), 120kW, 270V/480V, DC Safety Switch, AC/DC SPD, Multiple Input String Fusing
	SE120K-USG8IBNW4	Three Phase Synergy Manager for ground mount systems only (no AC Rapid Shutdown), 120kW, 270V/480V, DC Safety Switch, AC/DC SPD, Combined Input
	SESUK-USR0INNN4	Synergy Unit
SE80K: One Synergy Manager with two Synergy Units		
SE50K, SE100K, SE110K, SE120K: One Synergy Manager with three Synergy Units		

	Part Number	Product Description
Power Optimizers; 25-year warranty included	S1200	2:1 Power Optimizer, 1200W/125V, output cable (+) 17.38 ft (-) 0.32 ft, input cable 5.25 ft, for 208/480V grid ground mount inverters
	S1201	2:1 Power Optimizer, 1200W/125V, PVRSS compliant, output cable (+) 17.38 ft (-) 0.32 ft, input cable 5.25 ft, for 208/480V grid inverters
Metering Solutions	SE-RWND-3D-480-MB	Energy Meter for 480V Grid, 3ph Delta, ANSI C12.20 CLASS 05, CT sold separately
	SE-RGMTR-3D-208V-A	Energy Meter for 208V Grid, 3ph Delta, ANSI C12.20 CLASS 05, CT sold separately
	SE-RGMTR-3Y-480V-A	Energy Meter for 480V Grid, 3ph Wye, ANSI C12.20 CLASS 05, CT sold separately
	SE-RGMTR-3Y-208V-A	Energy Meter for 208V Grid, 3ph Wye, ANSI C12.20 CLASS 05, CT sold separately
	SEACTL-1250-150-C3	Current Transformer, 150A, Kit of (3)
	SEACTL-1250-300-C3	Current Transformer, 300A, Kit of (3)
	SEACTL-1250-600-C3	Current Transformer, 600A, Kit of (3)
Environmental Sensors	SE1000-SEN-IRR-S1	Irradiance Sensor 0-1.4V
	SE1000-SEN-TAMB-S2	Ambient Temperature Sensor 0-10V
	SE1000-SEN-TMOD-S2	Module Temperature Sensor 4-20mA
	SE1000-SEN-WIND-S1	Wind Velocity Sensor 4-20mA
	The warranty and service for these products is provided directly by Ingenieurbüro Mencke & Tegtmeyer GmbH. For more details please see http://www.imt-solar.com	
Communication Products	SE1000-DTLG-S1	Data Logger
	SE1000-CCG-G-S1	Commercial Gateway
	SE-RS485-SPD3-B-K4	RS485 Surge Protection Kit, Three Phase inverters (5pcs)

Part Number**Product Description****Cellular Communications for Commercial Inverters****Cellular Plug-In for inverters with a display**

CELL-A-R05-US-S-S4 For Commercial Systems up to 200kWp

CELL-A-R05-US-S-S5 For Commercial Systems up to 1,000kWp

Cellular Plug-In for inverters without a display, supporting SetApp inverter configuration

CELL-B-R05-US-T-S4 For Commercial Systems up to 200kWp, 5-year plan

CELL-B-R05-US-T-S5 For Commercial Systems up to 1,000kWp, 5-year plan

Accessories

DCD-3PH-1TBK Single Input Kit for Three Phase Inverters (5 units)

DCD-3PH-6FHK-S1 6 x 25A Fuses + Holders Kit for Three Phase DC Safety Switch

SE-RS485-SPD3-B-K4 RS485 Surge Protection Kit for Three Phase Inverters (5 units)

OPT-SEAL-100 Sealing Kit for MC4 connectors (100 pairs)

OPT-WASHER-100 Grounding Washers Kit for Power Optimizers (100 pairs)

SE-AC-SPD-SM AC SPD Kits for Synergy Manager (5 units, 1 unit per Manager)

SE-DC-SPD-SM2SU DC SPD Kits for Synergy Manager with 2 Inverter Units (5 units, 1 unit per Manager)

SE-DC-SPD-SM3SU DC SPD Kits for Synergy Manager with 3 Inverter Units (5 units, 1 unit per Manager)

FLD-KIT-3PH-SYN-NA-1 Consumables Parts Kit for Three Phase Inverters with Synergy Technology

For full ordering information,
[contact your local SolarEdge distributor](#)