

# Commercial Offering for Installers & EPCs



**solar**edge

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# About SolarEdge

## About us

In 2006, SolarEdge revolutionized the solar industry by inventing a better way to collect and manage energy in PV systems. Today, we are a global leader in smart energy technology. By deploying world-class engineering capabilities and with a relentless focus on innovation, we create smart energy products and solutions that power our lives and drive future progress.

### Vision

We believe that continuous improvement in the ways we produce and manage the energy we consume will lead to a better future for us all



### Bankability

- Approved by major banks and financial institutions worldwide
- SolarEdge (SEDG) is traded on NASDAQ
- Our financial strength and stability, combined with our cutting-edge technology, has propelled us to become one of the largest inverter manufacturers in the world

### Global reach

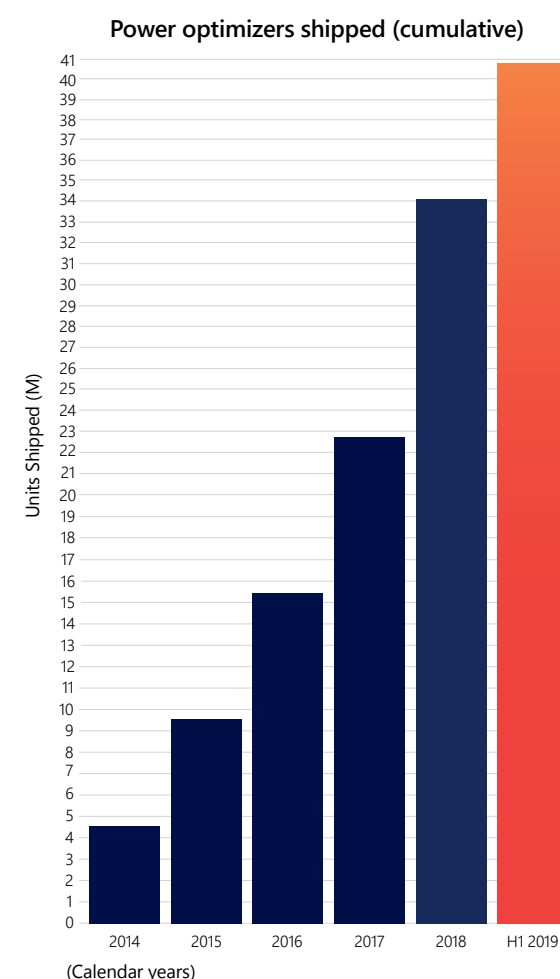
- Systems installed in over 130 countries across five continents
- Sales via leading integrators and distributors
- Follow the sun call centers
- Local teams of sales, service, marketing, and training experts
- Global manufacturing capabilities with tier 1 electronic manufacturing service companies



Received nearly 30 awards from prestigious organizations including Red Herring, Frost & Sullivan, Intersolar, the Stratus Award, and the Edison Awards™

### Shipping since 2010

- Over 1.5 million inverters shipped worldwide
- SolarEdge's monitoring platform continuously tracks over a million installations across the globe



### Corporate social responsibility

As a global leader in smart energy technologies, SolarEdge is committed to a sustainable world and is in full compliance with international standards on quality and control, ethical conduct, and environmental protection



### Patents

SolarEdge has a vast portfolio of intellectual property, with hundreds of awarded patents and patent applications

### Product reliability

- 25-year power optimizer warranty and 12-year inverter warranty, extendable to 20 years
- SolarEdge products and components undergo rigorous testing, and have been evaluated in accelerated life chambers
- Reliability strategy includes proprietary application specific ICs (ASIC)





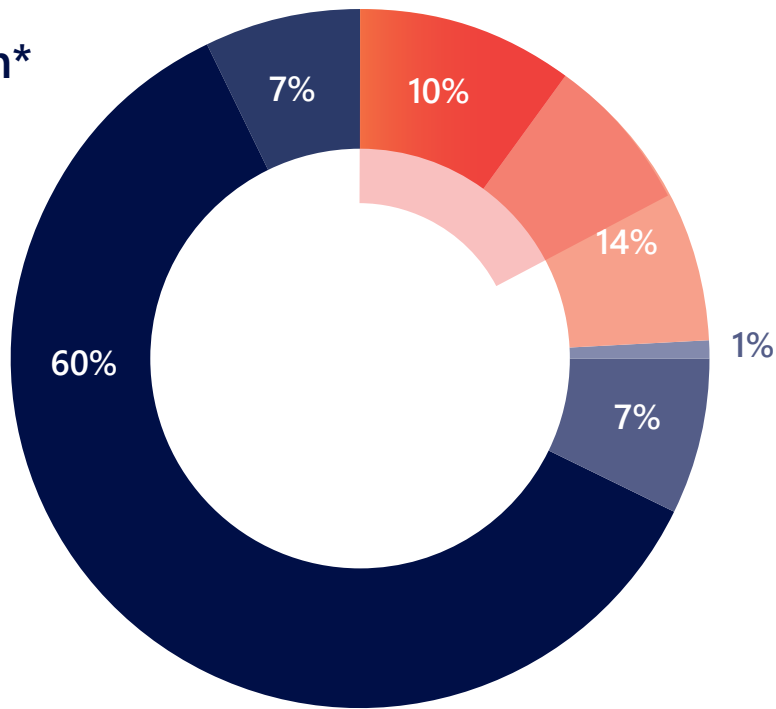
# The Importance of Inverter Selection

## Commercial rooftop installation cost breakdown\*

Inverters account for less than 10% of the system cost but,

- Manage 100% of system production
- Influence up to 20% of system cost
- Control O&M expenses through PV asset management solutions

Therefore, the inverter selection is critical for the long term financial performance of a PV system as it can maximize energy production and reduce lifetime costs.



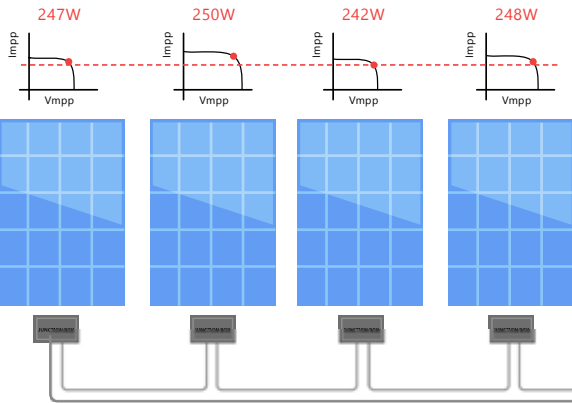
- |                |                |
|----------------|----------------|
| Inverter       | EPC margin     |
| Electrical BOS | PV modules     |
| Other          | Structural BOS |

\* Based on SolarEdge market analysis, assuming total cost of ~€1/Wp

# Maximum Energy Yield in Commercial Installations

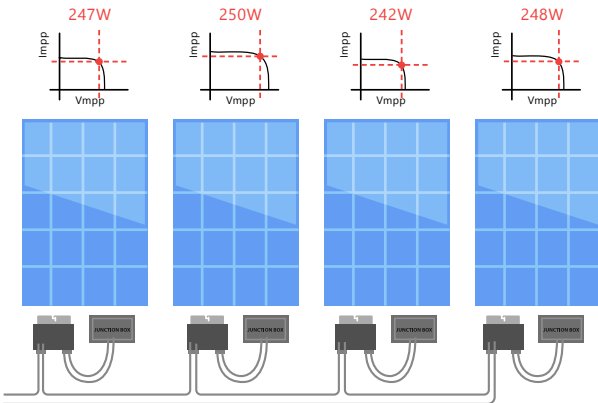
Unavoidable in commercial installations, module-level mismatch occurs when modules in a string have different Maximum Power Points (MPPs). Arising from a variety of sources, the mismatch decreases the energy yield of the entire string.

### Traditional string inverter



- MPPT per string - all modules operate at same current, regardless of their individual MPP
- Weak modules reduce the performance of all modules in the string or are bypassed
- Power losses due to module mismatch

### SolarEdge DC optimized inverter solution



- Module-level MPPT - current & voltage adjusted at the module level
- Maximum power produced and tracked from each module individually
- 2%-10% more energy from the PV system

The SolarEdge DC optimized inverter solution mitigates power losses caused by module mismatch for maximum power generation from each module. With SolarEdge, strong modules are not affected by the weaker ones.

## Examples of power mismatch in commercial installations:

### Manufacturing tolerance mismatch

The module manufacturer-warranted output power range may vary greatly. A standard deviation of 3% is sufficient to result in ~2% energy loss.



Guaranteed power output from module manufacturers  
0~+3%

### Soiling, shading & leaves

Module soiling, from dirt, bird droppings or snow, contributes to mismatch between modules and strings.

While there may be no obstructions during site design, throughout a system's lifetime, a tree may grow or a structure may be erected that creates uneven shading.



Leaves

Bird droppings

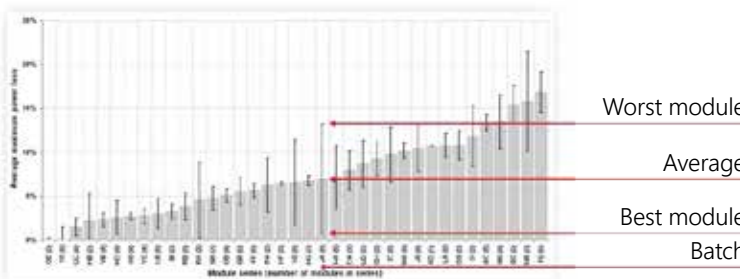
Snow

Shading (current & future)

Soiling

### Uneven module aging

Module performance can degrade up to 20% over 20 years, however, each module ages at a different rate, which causes aging mismatch.



Source: A. Skoczek et. al., "The results of performance measurements of field-aged c-Si photovoltaic modules", Prog. Photovolt: Res. Appl. 2009; 17:227-240





## Design Flexibility

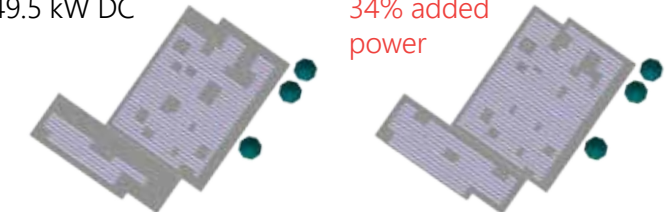
### More power

With module-level power optimization and maximum design flexibility, more modules can be installed on the roof, enabling a shorter project payback period. SolarEdge power optimizers enable installation of:

- Modules in partially shaded areas
- Strings of uneven lengths
- Strings in multiple orientations and different roof facets



**Standard inverter**  
149.5 kW DC

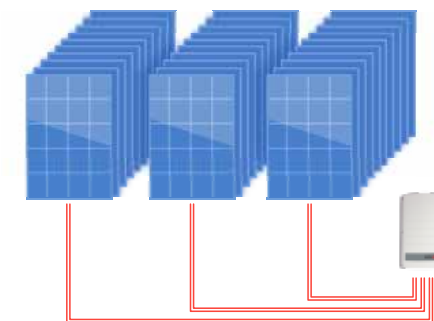


**SolarEdge 200 kW DC**  
34% added power

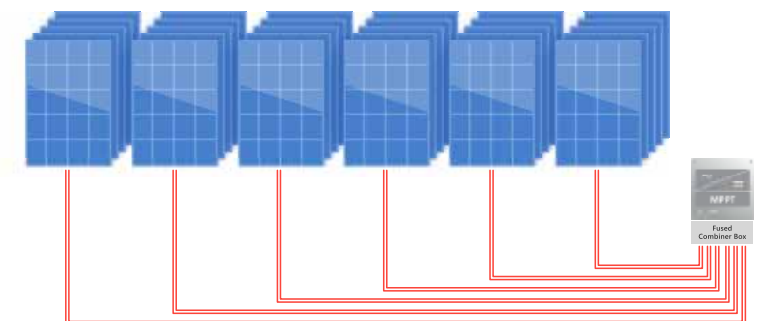
### Reduced BoS cost

Up to 15kW per string allows for more modules per string. This leads to fewer strings per inverter and therefore less wiring, combiner boxes, and fuses.

#### ■ SolarEdge DC optimized inverter



#### ■ Traditional inverter





# PV Asset Management with Module-Level Monitoring



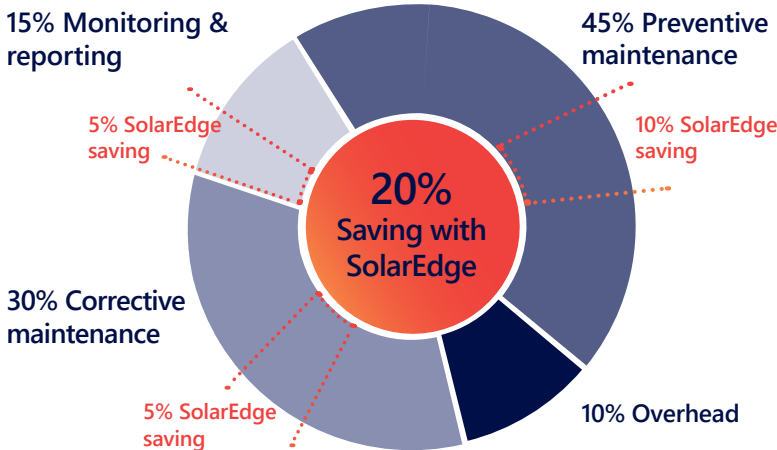
As equipment prices drop and system sizes trend upward, PV projects are increasingly seen as secure long-term investment opportunities. Like any financial asset, PV systems must be monitored and managed to realize their full potential.

Traditional inverters offer limited information, such as string-level or system-level monitoring that can indicate underperformance of the array, but little else. It then becomes costly and time consuming to send skilled technicians to perform on site troubleshooting.

The SolarEdge DC optimized inverter solution offers advanced PV monitoring and asset management. Power optimizers constantly track MPP and report high-resolution data on module performance.

The SolarEdge monitoring platform 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.

145kW SolarEdge system, The Netherlands, installed by New Energy Systems

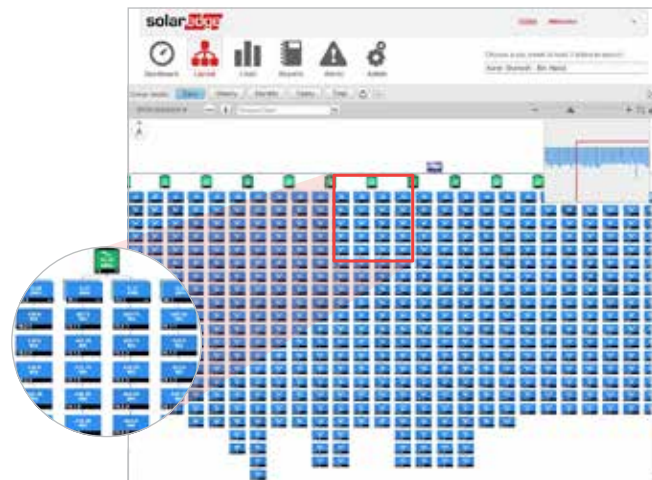




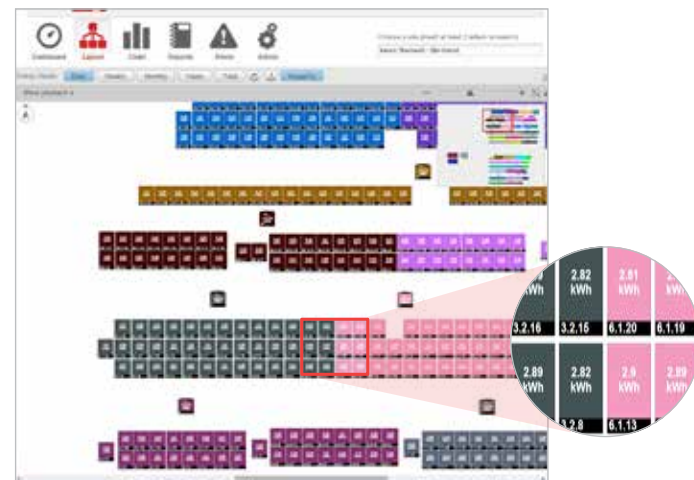
# PV Asset Management with Module-Level Monitoring (cont.)

## SolarEdge's monitoring platform features:

1. Real-time remote monitoring at the module, string, and system levels

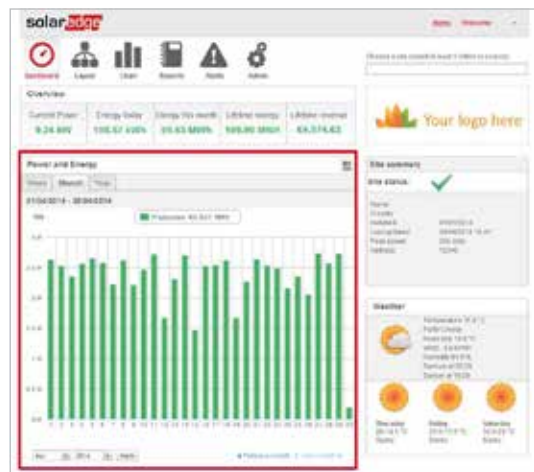


The logical layout displays the electrical connectivity between modules, strings and inverter

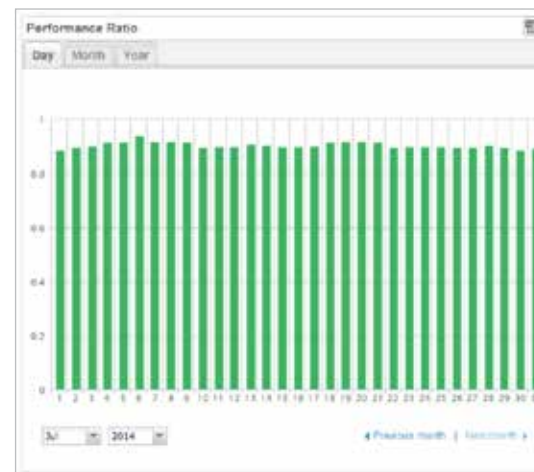


The hierarchy layout displays grouping of components per inverter

2. Comprehensive analytics tracking and reports of energy yield, system uptime, performance ratio, and financial performance



Dashboard - Energy production is displayed with weekly, monthly and yearly resolution



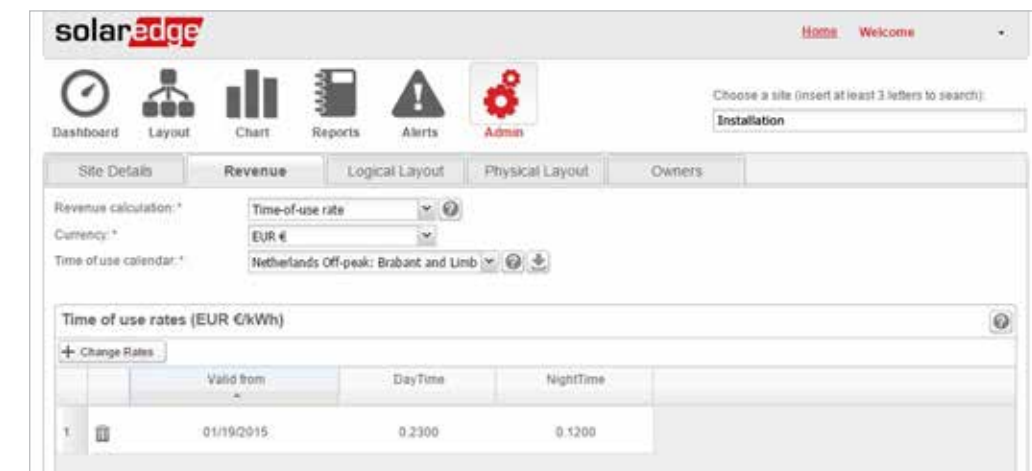
Performance Ratio - Analyze and track the system's performance ratio using satellite data or onsite sensors

3. Pinpointed and automatic alerts for immediate fault detection, accurate maintenance, and rapid response. The alerts show the specific fault location, fault description, and fault status. Energy thresholds alerts can be set to detect underperforming modules. Custom settings available for time of day and offset from sunrise and sunset.



Item	Manufacturer	Model	Serial Number	Last Measured	Current [A]	Optimiser Volt. [V]	Power [W]	Voltage [V]	Energy [kWh]
Panel 25.134	Trina Solar	TSM-255PC 05	00100290-B4	04/05/2014 8:	3.53	27.86	117.65	33.38	11.88775
Panel 25.135	Trina Solar	TSM-255PC 05	00100290-B9	04/05/2014 8:	3.38	27.38	114.95	34	11.675
Panel 25.136	Trina Solar	TSM-255PC 05	00100483-BC	04/05/2014 8:	3.49	18.13	77.3	22.13	7.558

4. The time-of-use feature allows system owners to define peak and off-peak rates in order to track expected PV revenue. This may be used as an indication of the systems ROI.





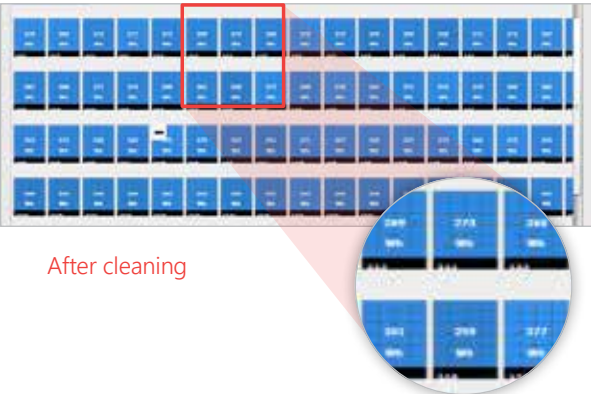
# PV Asset Management with Module-Level Monitoring (cont.)

- 5. Accurate and remote troubleshooting for fast and efficient resolution with minimal and shortened onsite visits. Examples of identifying underperforming modules:

### Soiling



Before cleaning



After cleaning

### Potential induced degradation (PID)



Looking at the modules within one string, it is possible to see the power degradation increasing towards the negative pole.



No need to send technicians to the roof –module voltage is measured remotely

### Bypass diode failure



It is easy to identify the bypass diode failure with the module-level voltage graphs. The faulty module outputs at only 2/3 of the voltage (5/6 in this case of power optimizer connected to two modules).

- 6. The consumption monitoring feature shows data about electricity consumption, PV production, and self-consumption. This feature is integrated into all SolarEdge inverters and requires only a connection of a SolarEdge energy meter.







# Advanced Safety

With millions of photovoltaic (PV) systems installed worldwide, this technology is designed to be relatively safe and reliable. However, as traditional PV installations can reach voltages as high as 1,500VDC, precautions should be taken to ensure the safety of people and assets. With traditional inverters, shutting down the inverter or the grid connection will terminate current flow, but DC voltage in the string cables will stay high for as long as the sun is shining. In addition, electrical arcs, which can result in a fire, create a threat to people and assets in the vicinity of the PV system.

The SolarEdge system provides a superior safety solution for both electrocution and fire risks.

## SafeDC™

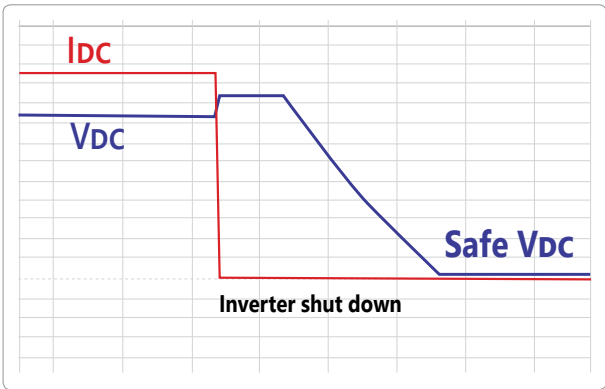
SafeDC™ is a built-in module-level safety feature which minimizes electrocution risk. To maintain string voltage below risk levels, power optimizers are designed to automatically switch into safety mode, in which the output voltage of each module will be reduced to 1V in either of these cases:

- During installation, when string is disconnected from the inverter, or the inverter is turned off
- During maintenance or emergency, when the inverter or AC connection is shut down
- When the thermal sensors of the power optimizers detect a temperature above 85 °C

The SolarEdge SafeDC™ feature is certified in Europe as a DC disconnect according to IEC/EN 60947-1 and IEC/EN 60947-3 and to the safety standards VDE AR 2100-712 and OVE R-11-1.

## Arc fault detection and interruption

SolarEdge inverters have a built-in protection designed to mitigate the effects of some arcing faults that may pose a risk of fire, in compliance with the UL1699B arc detection standard. Currently there is no comparable arc detection standard in the EU and therefore non-US SolarEdge inverters can detect and interrupt arcs as defined by the UL1699B standard. In addition to manual restart, a mechanism for auto-reconnect can be enabled during system commissioning.



This graph represents an automatic string shutdown. As demonstrated, the current is shut down immediately once AC power or Inverter is turned off. The string voltage is reduced to safe voltage.





# Future Compatibility & Warranty

As part of PV asset management planning, it is important to account for future costs that can impact the return on investment of a PV system. The SolarEdge DC optimized inverter solution effectively minimizes these potential costs.

Forward compatibility eliminates expensive stock of spare module inventory.

- Replacement: SolarEdge allows modules of different power classes and brands in the same string.
- Expansion: New power optimizers can be utilized in the same string with older models.

SolarEdge offers 25-year power optimizer warranty, 12-year inverter warranty, and free monitoring for 25 years. SolarEdge offers extended warranties at attractive prices.



Power optimizers  
600W-850W



Three phase inverters  
15kVA-100kVA



Monitoring platform

SolarEdge provides low-cost inverter replacement out of warranty

- ~40% less than traditional inverters

Products are certified for ammonia resistance - suitable for agricultural areas



756 kWp SolarEdge System, Farmington, IL  
Installed by Clean Energy Design Group, Inc



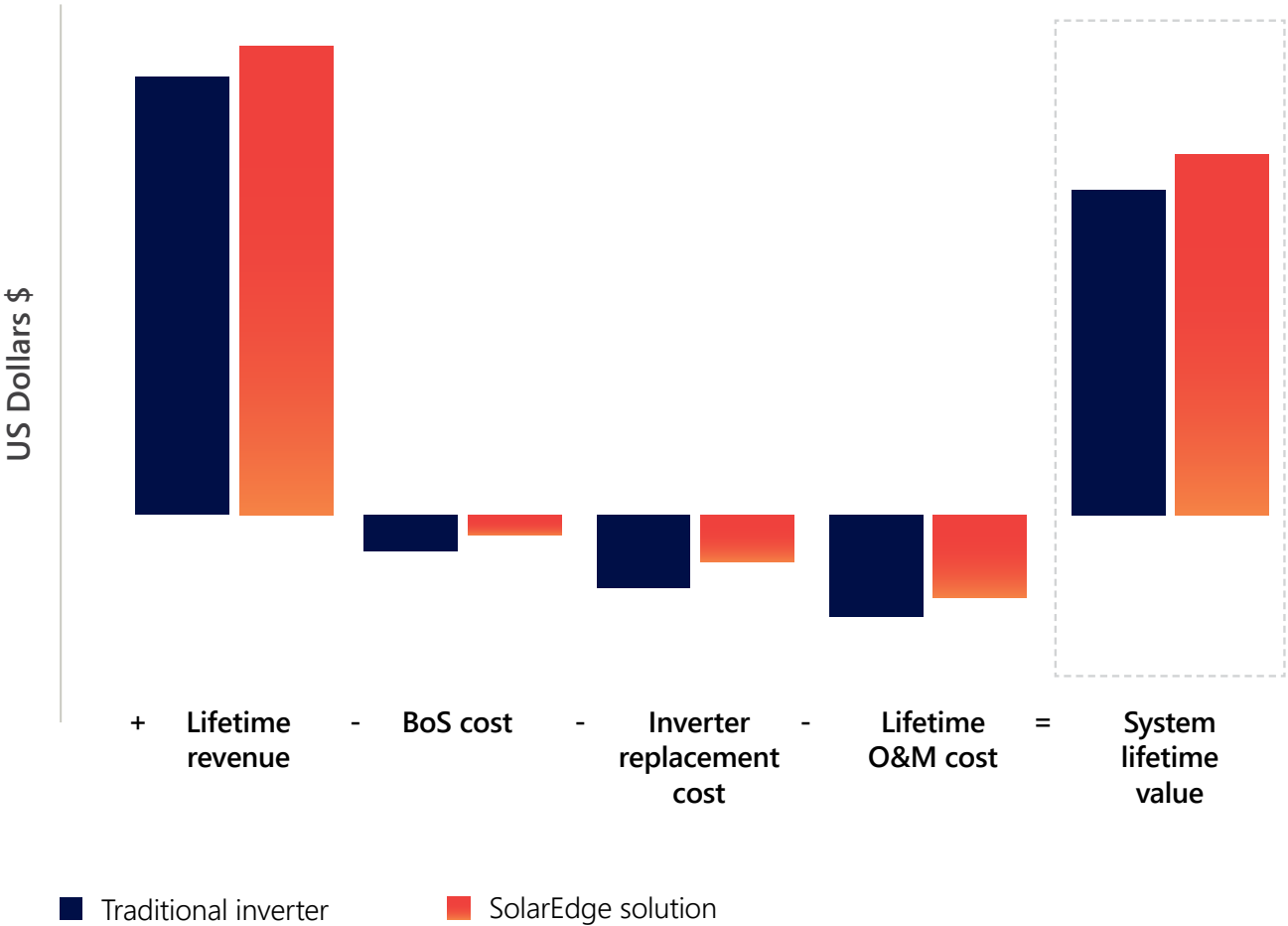


# A Higher Lifetime Value

The SolarEdge DC optimized inverter solution offers a better LCOE for a system’s lifetime by maximizing yield and reducing costs.

The SolarEdge DC optimized inverter solution maximizes power generation at the individual module level, which leads to a higher lifetime revenue from PV systems. While the initial cost of the SolarEdge solution is generally slightly higher than the equivalent traditional inverter system, the total installation cost as well as the lifetime maintenance cost is lower. This makes the SolarEdge solution more economically attractive.

## Lifetime PV system cost and revenue

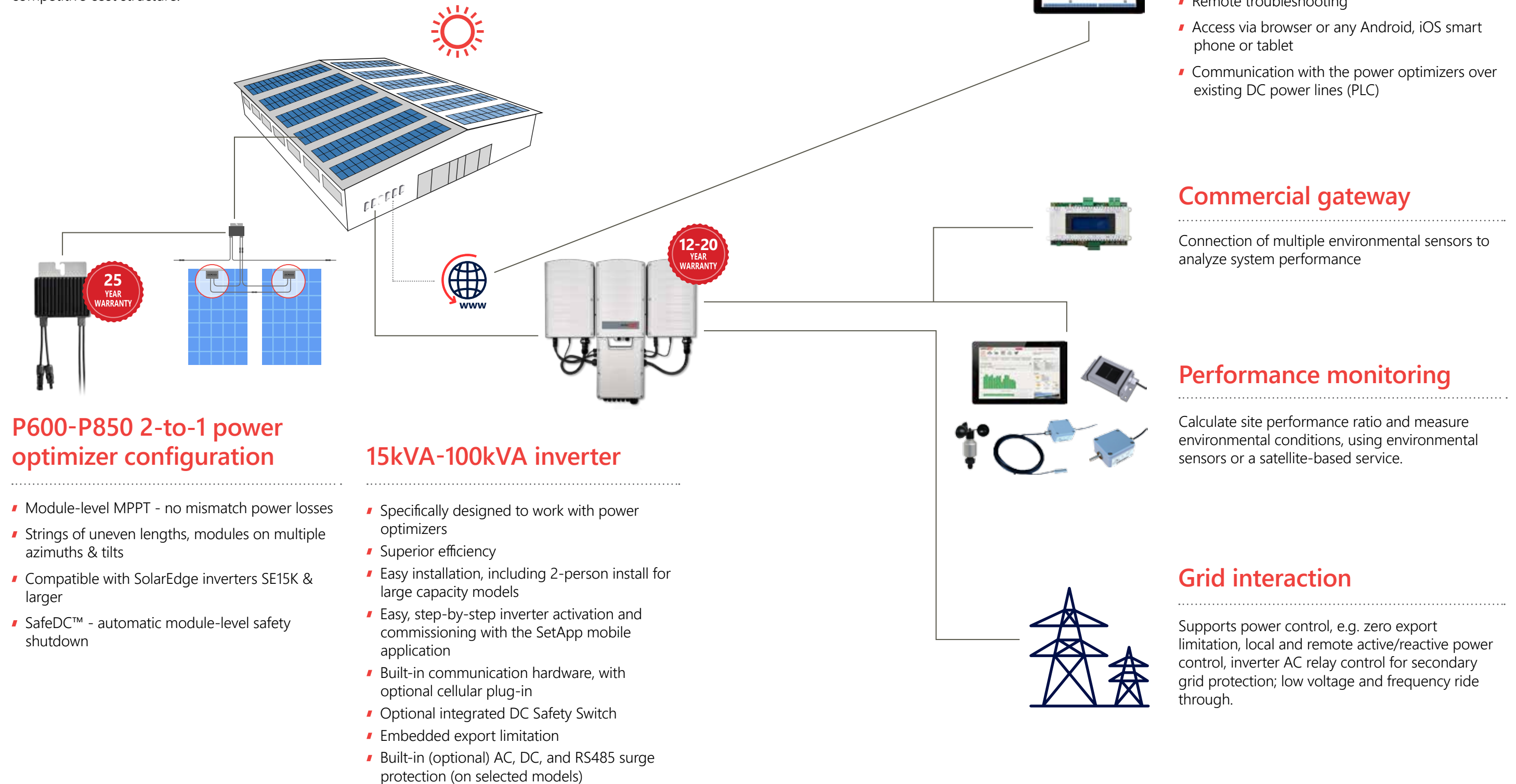


1.3MW SolarEdge system, Arizona, USA  
Developed by AES Distributed Energy, Inc. (formerly Main Street Power)  
Installed by Rosendin Electric



# Commercial System Diagram

The SolarEdge solution consists of inverters, power optimizers, and a monitoring platform. The technology provides superior power harvesting and module management by connecting power optimizers at the module level. The ability to connect two modules to one optimizer, combined with DC to AC conversion and grid interaction being centralized at a simplified PV inverter maintains a competitive cost structure.



# 300kW Rooftop System Comparison

## Comparison of a 300kWp SolarEdge system to an identical system with a traditional string inverter

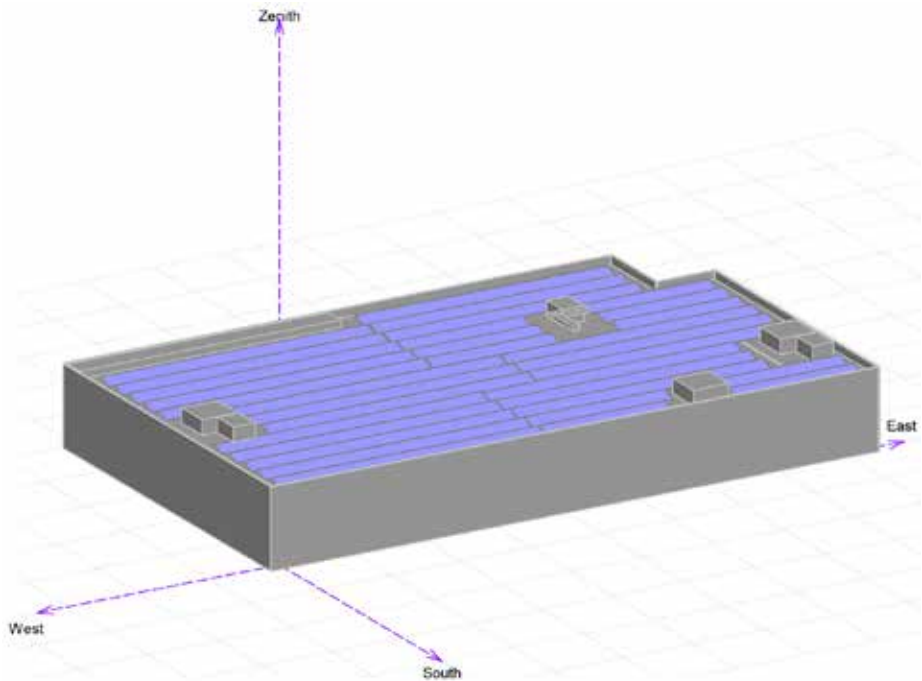
The system, in Amsterdam, The Netherlands, comprises 1,000 × 300Wp modules. One system was designed with 3 × SE82.8K SolarEdge inverters and 500 × P700 power optimizers in a 2:1 configuration. The second system was designed with 9 × 27.6kW traditional string inverters.

The SE82.8K model is a three phase inverter with synergy technology, combining large capacity with reduced installation time and cost. The inverter is based on three small and lightweight units; one primary unit easily connected to two secondary units. Up to 31 inverters can be configured directly from one master inverter for fast commissioning.

### Energy comparison

PVsyst was used to simulate the yield of both systems in year 1 and year 20. The SolarEdge advantage is growing with time due to uneven module aging which increases mismatch between modules.

	Traditional String Inverter	SolarEdge System	SolarEdge Advantage
PVsyst year 1 yield (MWh)	272.3	279.1	2.5%
PVsyst year 20 yield (MWh)	242.9	257.2	5.9%



### BoS comparison

	Traditional String Inverter	SolarEdge DC Optimized Inverter
DC power (kW)	300	300
AC power (kW)	248.4	248.4
Modules (300W, 72-cell)	1,000	1,000
Inverters	9	3
No. of strings	54	27
Modules per string	18/19	36/38
DC cable CU 1 × 6mm² (m)	6,227	2,195
AC cable N2XY 4 × 16mm²	54	-
AC cable N2XY 4 × 35mm²	-	18
MC4 connectors (1 pair)	108	54
Datalogger	1	-
BoS cost	100%	33%
BoS cost saving*		1.19 c/w

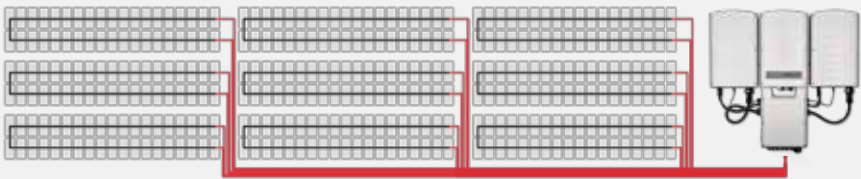
\* Estimated saving on BoS components based on typical market prices in €

### Cabling comparison

Traditional inverter cabling diagram | Total of 54 strings



SolarEdge cabling diagram | Total of 27 strings

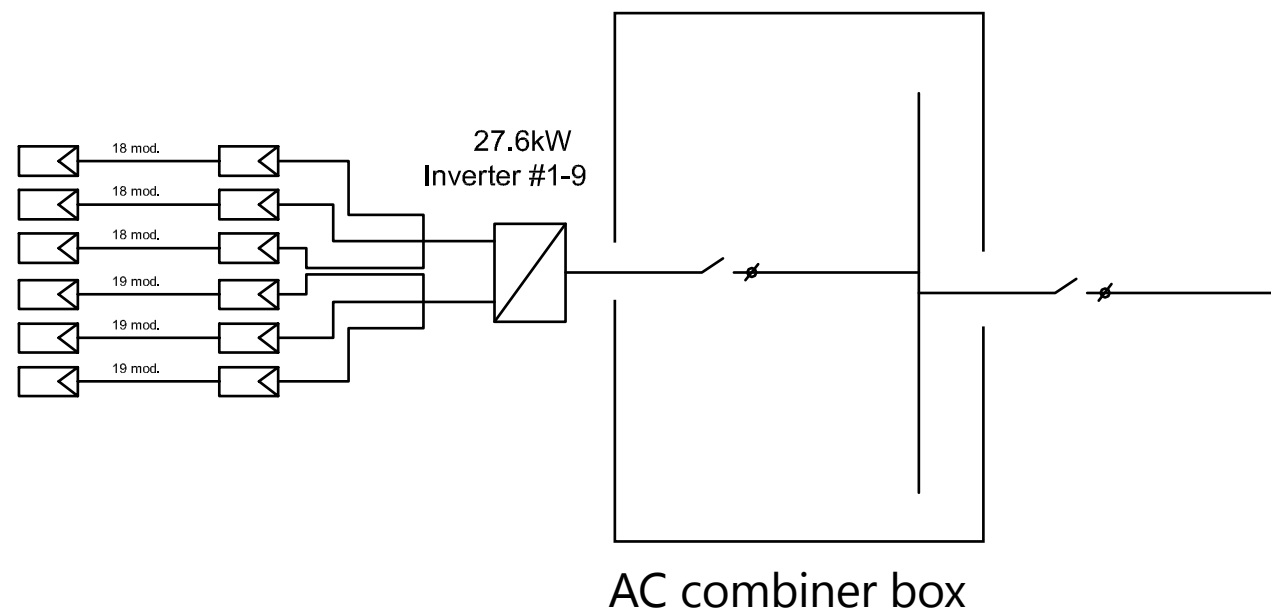


— Included DC cables — Additional DC cables

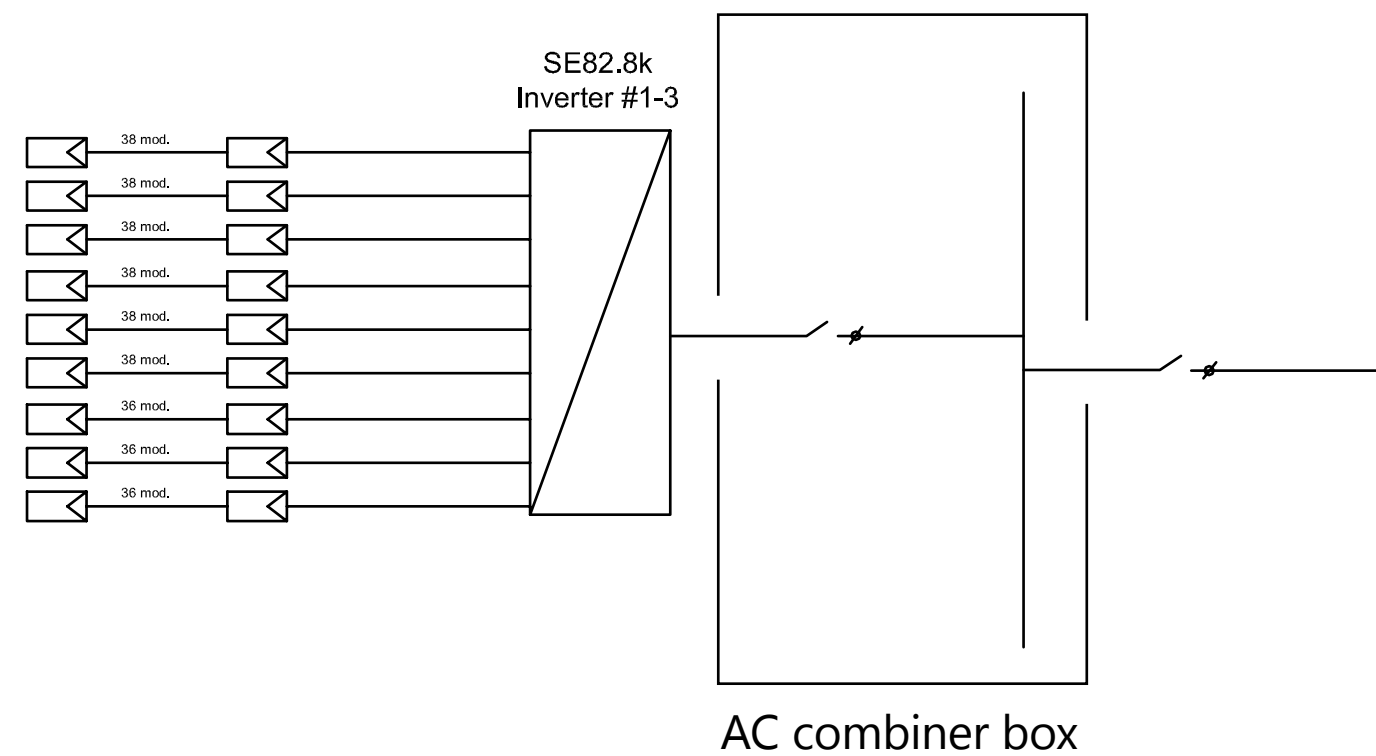


# 300kWp Rooftop System — Electrical Diagram Comparison

Traditional string inverter system



SolarEdge DC optimized inverter solution



# 1MWp Ground Mount System Comparison

## Comparison of a 1MWp SolarEdge solution to an identical system with a traditional string inverter

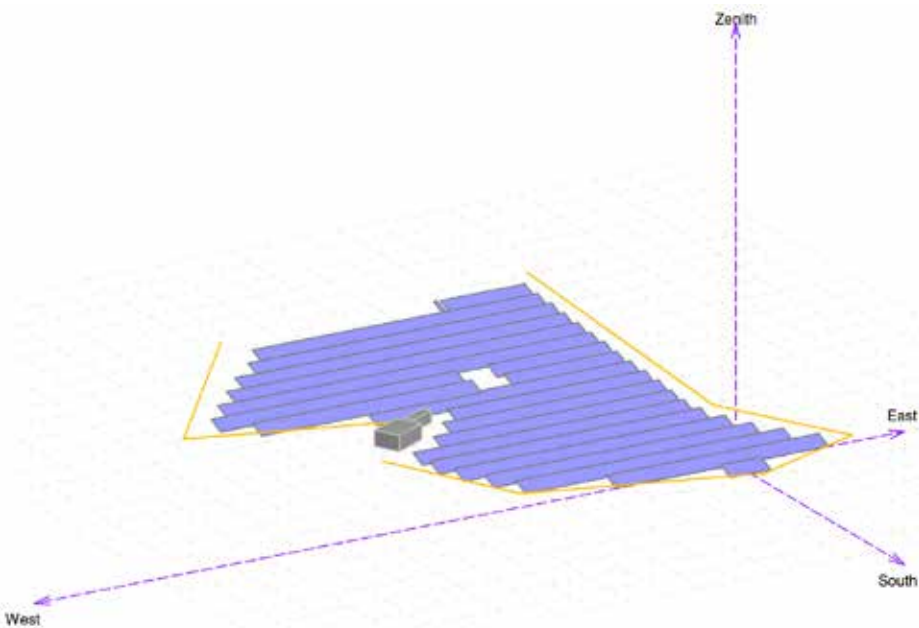
The system, in Munich, Germany, comprises 4,050 × 260Wp modules. One system was designed with 11 × SE82.8K SolarEdge inverters and 2,025 × P600 power optimizers in a 2:1 configuration. The second system was designed with 18 × 50kW traditional string inverters.

The SE82.8K model is a three phase inverter with synergy technology, combining large capacity with reduced installation time and cost. The inverter is based on three small and lightweight units; one primary unit easily connected to two secondary units. Up to 31 inverters can be configured directly from one master inverter for fast commissioning.

### Energy comparison

PVsyst was used to simulate the yield of both systems in year 1 and year 20. The SolarEdge advantage is growing with time due to uneven module aging which increases mismatch between modules.

	Traditional String Inverter	SolarEdge System	SolarEdge Advantage
PVsyst year 1 yield (MWh)	1,159	1,182	2%
PVsyst year 20 yield (MWh)	1,036	1,090	5.2%

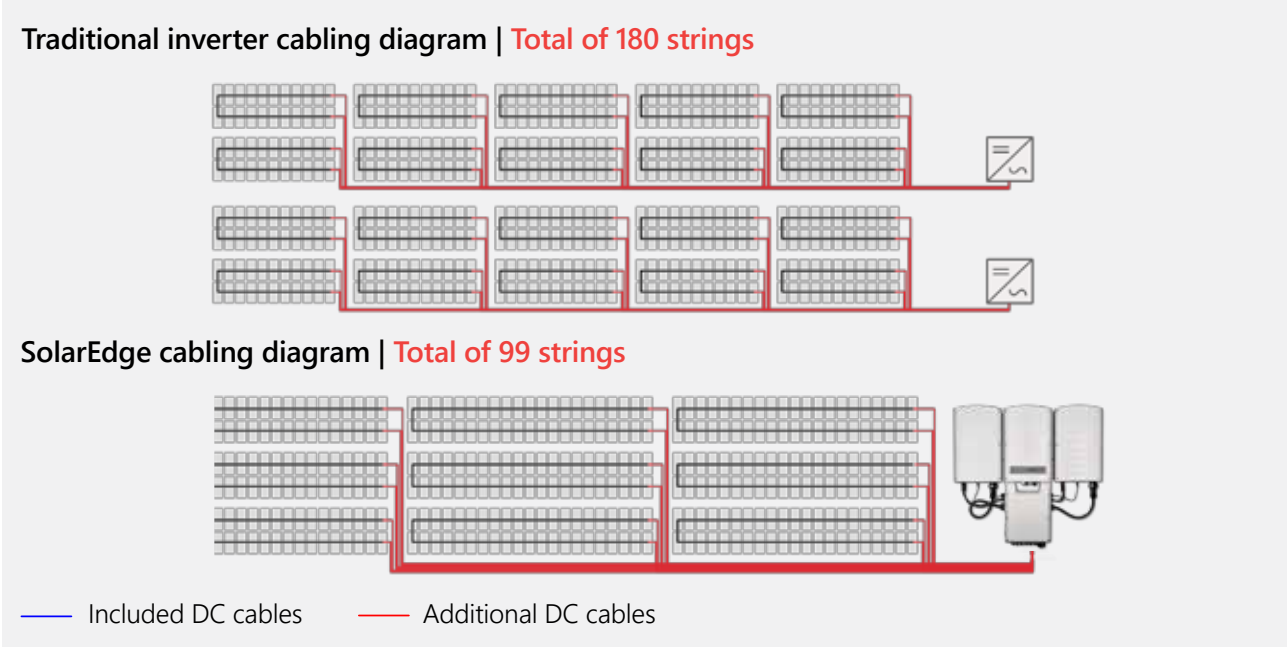


### BoS comparison

	Traditional String Inverter	SolarEdge DC Optimized Inverter
DC power (kW)	1,053	1,053
AC power (kW)	900	910.8
Modules (260W, 72-cell)	4,050	4,050
Inverters	18	11
No. of strings	180	99
Modules per string	22/23	40/42
DC cable CU 1 × 6mm² (m)	7,347	5,244
MC4 connectors (1 pair)	360	198
AC cable NA2XY 4 × 95mm² (m)	-	747
AC cable NA2XY 4 × 70mm² (m)	1,349	-
Datalogger	1	-
BoS cost	100%	62%
BoS cost saving*		0.4 c/w

\* Estimated saving on BoS components based on typical market prices in €

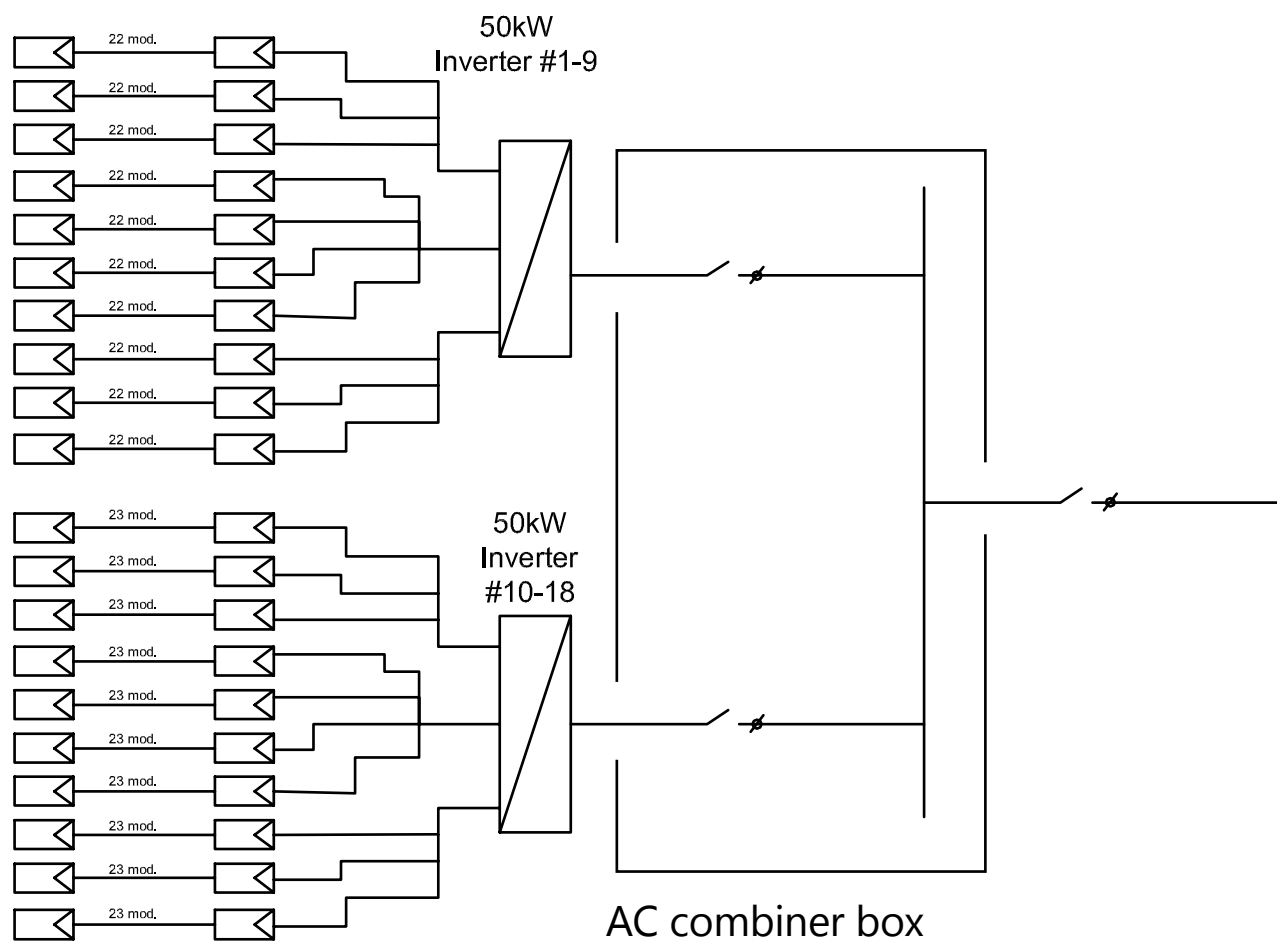
### Cabling comparison



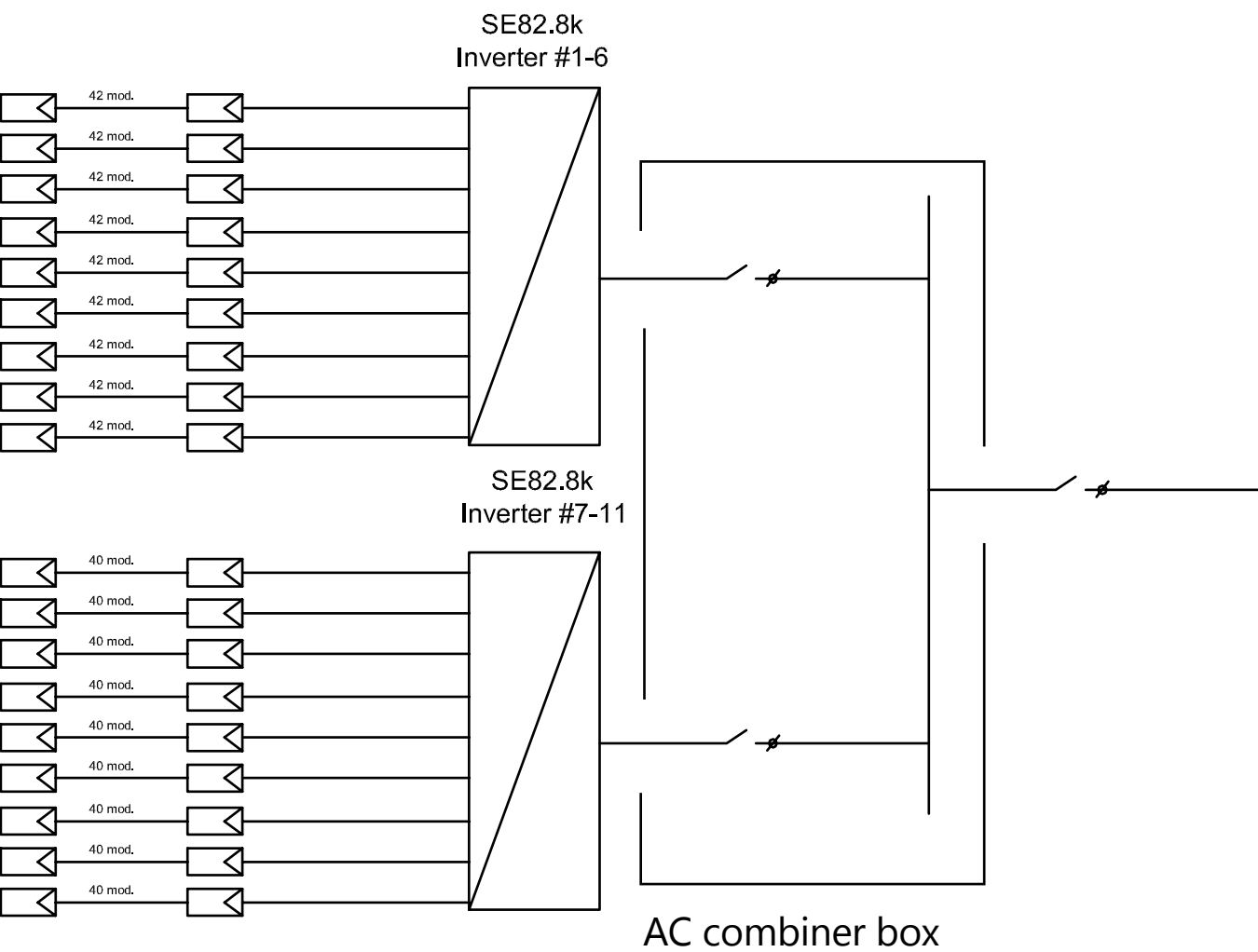


# 1MWp Ground Mount System — Electrical Diagram Comparison

Traditional string inverter system



SolarEdge DC optimized inverter solution





# Commercial Product Offering

CLICK ONE OF THE RED ICONS TO LEARN MORE ABOUT EACH PRODUCT  
To view online, scan the QR code or copy the link: [solaredge.com/offering](https://solaredge.com/offering)



## Commercial PV solution



Movie



Investors catalog



Installer & EPC catalog



System Owner brochure

## Three phase inverters 12.5kW-33.3kW



12.5kW-27.6kW  
datasheet



33.3kW for MV  
grid datasheet

## Three phase inverters with synergy technology

Combines large capacity  
with ease of installation  
50kW-100kW



Movie



50kW-82.8kW  
datasheet



66.6kW-100kW for  
MV grid datasheet

## Power optimizers

Module-level optimization  
with 2:1 configuration  
P600-P850



Datasheet

## Monitoring platform

Free, real-time system visibility at  
the module level



Movie

## Designer

Online tool to plan, build and  
validate your SolarEdge systems  
from inception to installation



Movie

## Communication options

Multiple options for wireless  
connection of inverters to the  
internet e.g. for monitoring



Commercial  
gateway  
datasheet



Cellular  
plug-in  
datasheet



Wi-Fi/ZigBee  
external antenna  
datasheet

## Energy meter & current transformers

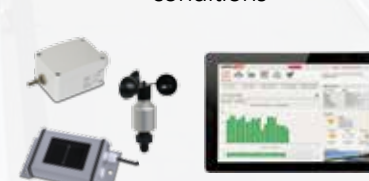
Supports high accuracy  
production/consumption  
monitoring, and export limitation



Datasheet

## Performance monitoring

Calculate site performance ratio  
and measure environmental  
conditions



Environmental  
sensors  
datasheet



Satellite-based  
PR brochure

## RS485 port accessories

Enhances system safety






SPD plug-in  
datasheet




Commercial Offering

Ordering Information





Contact your local SolarEdge distributor for more details







Part Number	Product Description	
Three Phase Inverters; with SetApp inverter configuration; 12-year warranty included		
SE15K-RW0T0BNN4	3ph Inverter, 15.0kW (-40 °C)	
SE16K-RW0T0BNN4	3ph Inverter, 16.0kW (-40 °C)	
SE17K-RW0T0BNN4	3ph Inverter, 17.0kW (-40 °C)	
SE25K-RW000BNN4	3ph Inverter, 25.0kW (-40 °C)	
SE27.6K-RW000BNN4	3ph Inverter, 27.6kW (-40 °C)	
SE33.3K-RW048BNN4	3ph Inverter, 33.3kW for 277/480V Grids (-40 °C; requires medium voltage transformer)	
Three Phase Inverters; with SetApp inverter configuration; DC Safety Unit, including DC Safety Switch and DC Surge Protection (Type II); 12-year warranty included		
SE25K-RW000BNP4	3ph Inverter, 25.0kW (-40 °C)	
SE25K-RW000BND4	3ph Inverter, 25.0kW, with Fuses, (-40 °C)	
SE27.6K-RW000BNP4	3ph Inverter, 27.6kW (-40 °C)	
SE27.6K-RW000BND4	3ph Inverter, 27.6kW, with Fuses, (-40 °C)	
SE33.3K-RW048BNP4	3ph Inverter, 33.3kW for 277/480V Grids (-40 °C; requires medium voltage transformer)	
SE33.3K-RW048BND4	3ph Inverter, 33.3kW for 277/480V Grids, with Fuses, (-40 °C; requires medium voltage transformer)	
Three Phase Inverters with Synergy Technology; with with SetApp inverter configuration; DC safety switch; 12-year warranty included		
SE50K-RW0P0BNU4	3ph Inverter Primary Unit, 50kW, DC Safety Switch and MC4 (-40 °C)	
SE55K-RW0P0BNU4	3ph Inverter Primary Unit, 55kW, DC Safety Switch and MC4 (-40 °C)	
SE82.8K-RW0P0BNU4	3ph Inverter Primary Unit, 82.8kW, DC Safety Switch and MC4 (-40 °C)	
SE66.6K-RW0P0BNU4	3ph Inverter Primary Unit, 66.6kW for 277/480V Grids, DC Safety Switch and MC4 (-40 °C)	
SE100K-RW0P0BNU4	3ph Inverter Primary Unit, 100kW for 277/480V Grids, DC Safety Switch and MC4 (-40 °C)	
SESU-RW0S0NNN4	Inverter Secondary Unit Note: For each Primary Unit, 50-66.6kW inverters require one Secondary Unit, 82.8-100kW inverters require two Secondary Units	

Part Number	Product Description	
Power Optimizers; 25-year warranty included		
P600-4RM4MRM	Designed for 60 cells, 2 in series (portrait), with 10.25Ain max, with max Vin (@ min temp) 96V, output cable length 1.2m	
P600-4RM4MRL	Designed for 60 cells, 2 in series (landscape), with 10.25Ain max, with max Vin (@ min temp) 96V, output cable length 1.8m	
P650-4RM4MRM	Designed for 60 cells, 2 in series (portrait), with 11Ain max, with max Vin (@ min temp) 96V, output cable length 1.2m	
P650-4RM4MRL	Designed for 60 cells, 2 in series (landscape), with 11Ain max, with max Vin (@ min temp) 96V, output cable length 1.8m	
P730-4RM4MRM	Designed for 72 cells, 2 in series (portrait), with max Vin (@ min temp) 125V, output cable length 1.2m	
P730-4RM4MRY	Designed for 72 cells, 2 in series (landscape), with max Vin (@ min temp) 125V, output cable length 2.2m	
P730-4RMLMRY	Designed for 72 cells, 2 in series, with max Vin (@ min temp) 125V, output cable length 2.2m, long input 0.9m (designed for modules with split junction box)	
P800P-4RMDMBM	Designed for 96 cells 5", 2 in parallel (portrait), max Vin (@ min temp) 83V, output cable length 1.2m, dual input	
P800P-4RMDMBL	Designed for 96 cells 5", 2 in parallel (landscape), max Vin (@ min temp) 83V, output cable length 1.8m, dual input	
P850-4RM4MBM	Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 1.2m	
P850-4RM4MBY	Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m	
P850-4RMLMBY	Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, long input 0.9m (designed for modules with split junction box)	
P850-4RMXMBY	Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, input 1.3m	
P850-4RMYMBY	Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, input 1.6m	
Power Optimizer Accessories		
SE-20MF-MC4-SEAL	20 Pairs of MC4 Seals for Power Optimizer Connectors	

# Commercial Offering Ordering Information

Contact your local SolarEdge distributor for more details

Part Number	Product Description	
Communication Products		
SE1000-CCG-G-S1	Commercial Gateway	
SE1000-CCG-F-S1	Firefighter Gateway	
SE1000-GSM02-B	Cellular Plug-in for Inverters with SetApp Configuration	
SE-RS485-SPD3-B-K3	RS485 Surge Protection Kit for Inverters with SetApp Configuration (SE12.5K-27.6K)	
SE-ANT-ZBWIFI-KIT	Antenna Kit for ZigBee/Wi-Fi Communication (5 pcs) for Inverters with SetApp Configuration	
For inverters with a display		
SE1000-WIFI01	Wi-Fi Plug-in	
SE1000-RS485-IF	RS485 Plug-In	
SE-3PH-GSM-K2	Communication board and Cellular Plug-In Upgrade for 3ph Inverters	
SE-RS485-SPD2-K1	Surge Protection Device Plug-In for RS485 for 3ph Inverters	
Environmental Sensors		
SE1000-SEN-TAMB-S2	Ambient Temperature Sensor 0-10V	
SE1000-SEN-TMOD-S2	Module Temperature Sensor 4-20mA	
SE1000-SEN-IRR-S1	Irradiance Sensor 0-1.4V	
SE1000-SEN-WIND-S1	Wind Velocity Sensor 4-20mA	
Warranty and service for these products is provided directly by Ingenieurbüro Mencke & Tegtmeyer GmbH. For more details, go to: <a href="http://www.imt-solar.com/products.htm">http://www.imt-solar.com/products.htm</a>		
Metering Solutions; with 5-year warranty		
SE-MTR-3Y-400V-A	1ph/3ph 230/400V, Energy Meter with Modbus Connection, DIN-Rail	
SE-RWND-3D-208-MB	3ph Split or Delta Grid 230V L-L Modbus Meter DIN-Rail, ANSI CLASS 05	
SE-RWND-3D-480-MB	480V Electricity Meter, NEMA3R, C12.20, No CT	
SE-ACT-0750-50	50A Split-Core Current Transformer, for 50Hz	
SE-CTML-0350-070	70A Split-Core Current Transformer, for 50Hz	
SE-ACT-0750-100	100A Split-Core Current Transformer, for 50Hz	
SE-ACT-0750-250	250A Split-Core Current Transformer, for 50Hz	
SE-CTS-2000-1000	1000A Split-Core Current Transformer, for 50Hz	
SEACT0750-200NA-20	200A CT, for Split or Delta Grid 230V L-L, for 60Hz, Box of 20	
SEACT1250-400NA-20	400A CT, for Split or Delta Grid 230V for 60Hz, Box of 20	
SE-CTB-4X4-1200	Bus-Bar CT, 4.0" x 4.0", 1200A, 1.5% acc.	
SE-CTB-4X4-2000	Bus-Bar CT, 4.0" x 4.0", 2000A, 1.5% acc.	
SE-CTB-4X4.5-3000	Bus-Bar CT, 4.0" x 4.5", 3000A, 1.5% acc.	
SE1000-SOIF01	S0 meter adapter cable	
For 50Hz grid use the 50Hz current transformers, for 60Hz grid use the 60Hz current transformers		

Part Number	Product Description		
<b>Inverter Warranty Extensions</b>			
Purchased within 24 months of shipment date, up to 20 years			
WE-3H-20	20 years, 3ph inverter ≥ 15kW, <25kW		
WE-3SH-20	20 years, 3ph inverter 25-33.3kW		
For 3ph inverters ≥25kW with DC Safety Unit, purchased within 24 months from shipment date			
WE-3SH-20DCD	20 years, 3ph inverter 25-33.3kW		
For 3ph inverters with synergy technology, purchased within 24 months from shipment date			
WE-3MH-20	20 years, 3ph Inverter with Synergy Technology 50-66.6kW		
WE-3UH-20	20 years, 3ph Inverter with Synergy Technology 82.8-100kW		
<b>Monitoring Tools</b>			
Free, real-time, module-level monitoring of PV system performance via the SolarEdge monitoring platform. Accessible from your computer or mobile device	For full details about the monitoring platform visit: <a href="http://www.solaredge.com/products/pv-monitoring#/">http://www.solaredge.com/products/pv-monitoring#/</a>		
SE-SAT-PR-S1	Satellite-based Performance Ratio; one site, for one year	For full details visit: <a href="https://www.solaredge.com/products/pv-monitoring/satellite-based-pr">https://www.solaredge.com/products/pv-monitoring/satellite-based-pr</a>	
SE-SAT-PR-S2	Satellite-based Performance Ratio; one site, for one year plus one year historical data		
<b>Designer Tool</b>			
A web-based tool to plan, build and validate your SolarEdge systems from inception to installation	For full details about the Designer tool visit: <a href="https://www.solaredge.com/products/installer-tools/designer#/">https://www.solaredge.com/products/installer-tools/designer#/</a>		
<b>Display Products</b>			
SE17K-EMP-B	Demo 3ph Inverter 15-33.3kW, Inverters with SetApp configuration		
SE27.6K-EMP-U-B	Demo 3ph Inverter with DC Safety Unit 25-33.3kW, Inverters with SetApp configuration		
SE55K-P-EMP-U	Demo 3ph Inverter with Synergy Technology, Primary Unit 50-66.6kW		
SE82.8K-P-EMP-U	Demo 3ph Inverter with Synergy Technology, Primary Unit 82.8-100kW		
SESU-RW-EMP	Demo 3ph Inverter with Synergy Technology, Secondary Unit		



# Comprehensive Service Suite

SolarEdge supports you throughout your PV project life cycle. We provide the tools and services to help you grow your business with us.



Project design & pre-sale



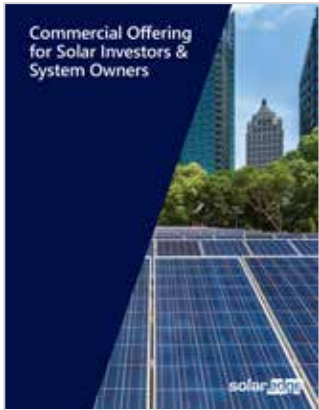
Project execution



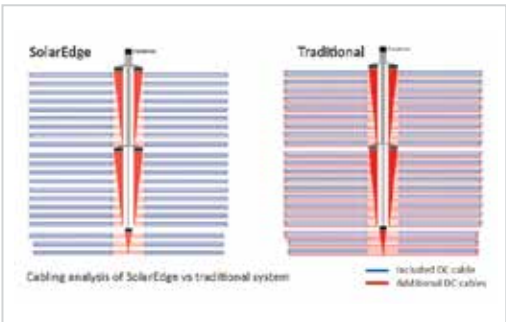
Operation & maintenance

## Project design and pre-sale

Our dedicated tools and engineering services help you close deals.



Training and tools help your sales team convey the added value of the SolarEdge solution



Tailor-made design optimization by SolarEdge pre-sale engineers



LCOE and ROI analysis



PV simulation and comparative system analysis

# Comprehensive Service Suite (Cont.)

## Project execution

Our advanced tools and features will assist you to easily and smoothly execute projects.



Project design validation prior to installation



Hands-on installation training by local field engineers



Installation validation checklist



DC safety protecting installers from high DC voltage



Easy and flexible string layout



Remote and on-site installation support by local service teams



Easy inverter activation and commissioning using the SetApp mobile application



Remote operations to commission and activate the installation

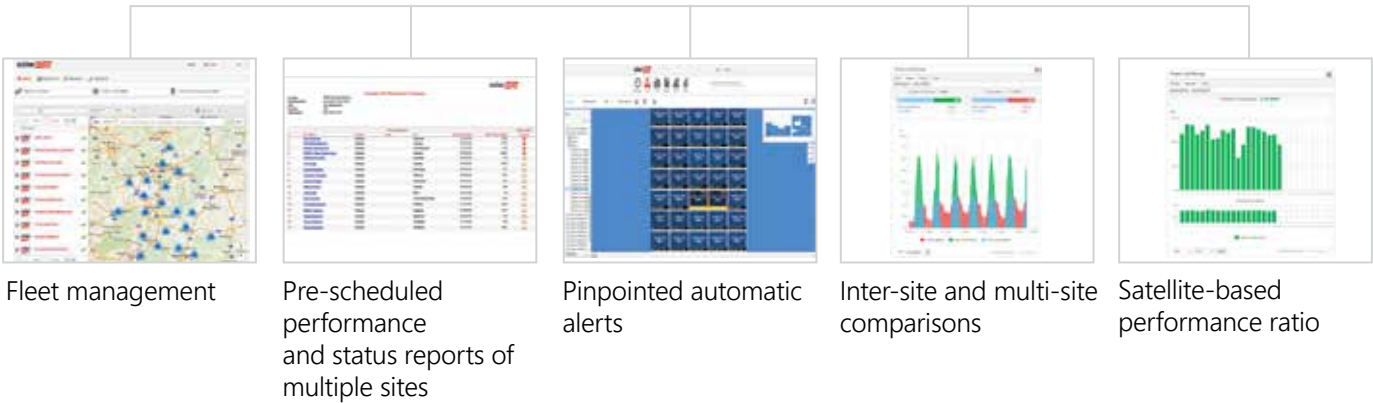


Automatic commissioning report

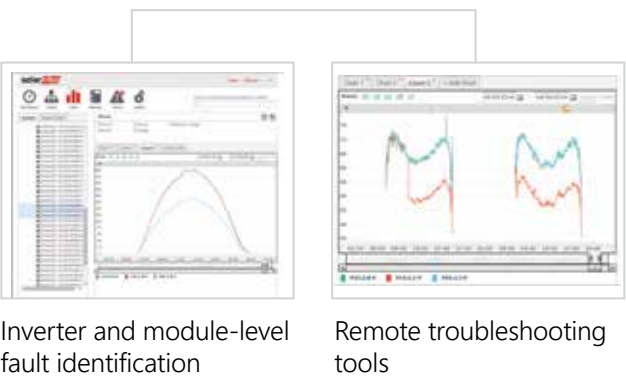
## Operation & maintenance

Our advanced monitoring platform allows you to guarantee system availability and high performance ratio for system lifetime.

### Performance monitoring



### Fault detection



### Service



### Executive reporting











SolarEdge is a global leader in smart energy technology. By leveraging world-class engineering capabilities and with a relentless focus on innovation, SolarEdge creates smart energy solutions that power our lives and drive future progress.

SolarEdge developed an intelligent inverter solution that changed the way power is harvested and managed in photovoltaic (PV) systems. The SolarEdge DC optimized inverter maximizes power generation while lowering the cost of energy produced by the PV system.

Continuing to advance smart energy, SolarEdge addresses a broad range of energy market segments through its PV, storage, EV charging, UPS, and grid services solutions.

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Cautionary Note Regarding Market Data and Industry Forecasts: This brochure may contain market data and industry forecasts from certain third-party sources. This information is based on industry surveys and the preparer's expertise in the industry and there can be no assurance that any such market data is accurate or that any such industry forecasts will be achieved. Although we have not independently verified the accuracy of such market data and industry forecasts, we believe that the market data is reliable and that the industry forecasts are reasonable.

The SolarEdge logo, featuring the word "solaredge" in a white, lowercase, sans-serif font. The "edge" portion of the logo is partially overlaid by a red, stylized graphic element that resembles a solar panel or a series of parallel lines.