Commercial Offering for Installers & EPCs
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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

Shipping since 2010
- Over 2.5 million inverters and 60 million power optimizers 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)

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

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.

Commercial rooftop installation cost breakdown*  

* 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.

### 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.

#### 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.

#### 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.

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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.
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

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.
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
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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

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

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.

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.

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

The hierarchy layout displays grouping of components per inverter

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

**Soiling**

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.

**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.
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.

SolarEdge provides low-cost inverter replacement out of warranty

- ~40% less than traditional inverters

Products are certified for ammonia resistance - suitable for agricultural areas
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
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.

2-to-1 power optimizer configuration
- Module-level MPPT - no mismatch power losses
- Strings of uneven lengths, modules on multiple azimuths & tilts
- Compatible with SolarEdge inverters SE15K & larger
- SafeDC™ - automatic module-level safety shutdown

15kVA-100kVA inverter
- Specifically designed to work with power optimizers
- Superior efficiency
- Easy installation, including 2-person install for large capacity models
- Easy, step-by-step inverter activation and commissioning with the SetApp mobile application
- Built-in communication hardware, with optional cellular plug-in
- Optional integrated DC Safety Switch
- Embedded export limitation
- Built-in (optional) AC, DC, and RS485 surge protection (on selected models)

Monitoring platform
- Full visibility of system performance
- Remote troubleshooting
- Access via browser or any Android, iOS smart phone or tablet
- Communication with the power optimizers over existing DC power lines (PLC)

Commercial gateway
- Connection of multiple environmental sensors to analyze system performance

Performance monitoring
- Calculate site performance ratio and measure environmental conditions, using environmental sensors or a satellite-based service.

Grid interaction
- Supports power control, e.g. zero export limitation, local and remote active/reactive power control, inverter AC relay control for secondary grid protection; low voltage and frequency ride through.
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.

### BoS comparison

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

* 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.

<table>
<thead>
<tr>
<th></th>
<th>Traditional String Inverter</th>
<th>SolarEdge System</th>
<th>SolarEdge Advantage</th>
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<tbody>
<tr>
<td>PVsyst year 1 yield (MWh)</td>
<td>1,159</td>
<td>1,182</td>
<td>2%</td>
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<tr>
<td>PVsyst year 20 yield (MWh)</td>
<td>1,036</td>
<td>1,090</td>
<td>5.2%</td>
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</table>

BoS comparison

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

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

Cabling comparison

Traditional inverter cabling diagram | Total of 180 strings

SolarEdge cabling diagram | Total of 99 strings

Included DC cables          Additional DC cables
1MWp Ground Mount System — Electrical Diagram Comparison

Traditional string inverter system

SolarEdge DC optimized inverter solution
Commercial Product Offering

**Commercial PV solution**

- **Three phase inverters**
  - 12.5kW-40kW
  - Video
  - Installer & EPC catalog
  - System Owner brochure

**Three phase inverters with synergy technology**

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

**Communication options**

- Multiple options for wireless connection of inverters to the internet e.g. for monitoring
- Commercial gateway datasheet
- Wi-Fi/ZigBee external antenna datasheet

**Energy meter & current transformers**

- Supports high accuracy production/consumption monitoring and export limitation

**Power optimizers**

- Module-level optimization with 2:1 configuration
- P605-P1100

**Monitoring platform**

- Free, real-time system visibility at the module level
- Dedicated mobile apps for installers and system owners

**Performance monitoring**

- Calculate site performance ratio and measure environmental conditions

**RS485 port accessories**

- Enhances system safety

**Designer**

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

**Installer & EPC catalog**

- Video
- Commercial design video tips

**System Owner brochure**

- MySolarEdge video

**Designer overview video**

- Creating commercial projects video

**Communication options**

- Commercial gateway datasheet
- Wi-Fi/ZigBee external antenna datasheet

**Video**

- Monitoring video for installers
- Monitoring video for system owners
- MySolarEdge video

**Performance monitoring**

- Environmental sensors datasheet
- Satellite-based PR brochure

**RS485 port accessories**

- SPD plug-in datasheet

CLICK ONE OF THE RED ICONS TO LEARN MORE ABOUT EACH PRODUCT

To view online, scan the QR code or copy the link: [solar.ge/offering](https://solar.ge/offering)
### SolarEdge Commercial Offering

**Information**

Contact your local SolarEdge distributor for more details

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three Phase Inverters, with SetApp inverter configuration; 12-year warranty included</td>
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<tr>
<td>SE15K-RW0T0BNN4</td>
<td>3ph Inverter, 15.0kW</td>
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<td>SE16K-RW0T0BNN4</td>
<td>3ph Inverter, 16.0kW</td>
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<td>SE17K-RW0T0BNN4</td>
<td>3ph Inverter, 17.0kW</td>
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<td>SE25K-RW00IBNN4</td>
<td>3ph Inverter, 25kW</td>
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<td>SE33.3K-RW00IBNN4</td>
<td>3ph Inverter, 33.3kW</td>
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<tr>
<td>SE40K-RW08IBNN4</td>
<td>3ph Inverter, 40kW for 277V/480V Grid</td>
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<td>Three Phase Inverters, with SetApp inverter configuration; DC Safety Unit, including DC Safety Switch, DC Surge Protection (Type II) and Fuses; 12-year warranty included</td>
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<tr>
<td>SE25K-RW00IBND4</td>
<td>3ph Inverter, 25kW</td>
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<tr>
<td>SE33.3K-RW00IBND4</td>
<td>3ph Inverter, 33.3kW</td>
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<td>SE40K-RW08IBND4</td>
<td>3ph Inverter, 40kW for 277V/480V Grid</td>
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<td>Three Phase Inverters with Synergy Technology, with SetApp inverter configuration; DC safety switch; 12-year warranty included</td>
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<tr>
<td>SE50K-RW0P0BNU4</td>
<td>3ph Inverter Primary Unit, 50kW, DC Safety Switch and MC4</td>
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<td>SE55K-RW0P0BNU4</td>
<td>3ph Inverter Primary Unit, 55kW, DC Safety Switch and MC4</td>
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<td>SE82.8K-RW0P0BNU4</td>
<td>3ph Inverter Primary Unit, 82.8kW, DC Safety Switch and MC4</td>
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<td>SE66.6K-RW0P0BNU4</td>
<td>3ph Inverter Primary Unit, 66.6kW for 277/480V Grids, DC Safety Switch and MC4</td>
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<td>SE100K-RW0P0BNU4</td>
<td>3ph Inverter Primary Unit, 100kW for 277/480V Grids, DC Safety Switch and MC4</td>
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<tr>
<td>SESU-RW050NNN4</td>
<td>Inverter Secondary Unit Note: For each Primary Unit, 50-66.6kW inverters require one Secondary Unit, 82.8-100kW inverters require two Secondary Units</td>
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<td>Power Optimizers; 25-year warranty included</td>
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<td>P650-4RMAMRL</td>
<td>Designed for 60 cells, 2 in series (landscape), with max Vin (@ min temp) 96V, output cable length 1.8m</td>
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<tr>
<td>P701-4RMAMRL</td>
<td>Designed for 60/120 cells, 2 in series (landscape), with max Vin (@ min temp) 96V, output cable length 1.8m</td>
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<td>P730-4RMAMRM</td>
<td>Designed for 72 cells, 2 in series (portrait), with max Vin (@ min temp) 125V, output cable length 1.2m</td>
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<tr>
<td>P730-4RMAMRY</td>
<td>Designed for 72 cells, 2 in series (landscape), with max Vin (@ min temp) 125V, output cable length 2.2m</td>
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<td>P801-4RMAMRY</td>
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<td>P801-4RLMRY</td>
<td>Designed for 72 cells, 2 in series (landscape), with max Vin (@ min temp) 125V, output cable length 2.2m</td>
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<td>P801-4RMAMRM</td>
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<td>P801-4RMAMRY</td>
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<td>P801-4RLMRY</td>
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<td>P801-4RMAMRM</td>
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<td>P801-4RMAMRY</td>
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<td>P801-4RLMRY</td>
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<td>P850-4RM4MBM</td>
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<td>P850-4RM4MBY</td>
<td>Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, input 0.9m</td>
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<tr>
<td>P850-4RMLMBY</td>
<td>Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, input 0.9m</td>
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<tr>
<td>P850-4RMXMBY</td>
<td>Designed for high power/bi-facial, 2 in series, max input voltage (@ min temp) 125V, output cable length 2.2m, input 1.3m</td>
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<tr>
<td>P860-4RDYMBY</td>
<td>Designed for high power/bi-facial, 2 in parallel, max input voltage (@ min temp) 60V, output cable length 2.2m, input 1.6m for RSD</td>
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<tr>
<td>M1600-1RMMRTTY</td>
<td>Designed for 4 x 72 cells, 2 in series per inverter, ground mount, max input voltage (@ min temp) 125V, output cable length 2.2m</td>
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<tr>
<td>Power Optimizer Accessories</td>
<td></td>
</tr>
<tr>
<td>SE-20MF-MC4-SEAL</td>
<td>20 Pairs of MC4 Seals for Power Optimizer Connectors</td>
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Commercial Offering Ordering

Information Contact your local SolarEdge distributor for more details

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
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<tbody>
<tr>
<td>SE1000-CCG-G-S1</td>
<td>Commercial Gateway</td>
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<tr>
<td>SE1000-CCG-F-S1</td>
<td>Firefighter Gateway</td>
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<tr>
<td>SE-WFGW-B-S1-RW</td>
<td>Wireless Gateway for Inverters with SetApp</td>
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<td>SE-WFRT-B-S1-RW</td>
<td>Wireless Repeater for Inverters with SetApp</td>
</tr>
<tr>
<td>SE-5RS485-SPD3-B-K4</td>
<td>RS485 Surge Protection Kit for Inverters with SetApp Configuration (SE15K-SE40K)</td>
</tr>
<tr>
<td>SE-ANT-ZBWIFI-KIT</td>
<td>Antenna Kit for Wi-Fi Communication (5 pcs) for Inverters with SetApp Configuration</td>
</tr>
</tbody>
</table>

**For inverters with a display**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE3000-WIFI01</td>
<td>Wi-Fi Plug-in</td>
</tr>
<tr>
<td>SE1000-5RS485-IF</td>
<td>RS485 Plug-In</td>
</tr>
<tr>
<td>SE-3PH-5GSM-K2</td>
<td>Communication board and Cellular Plug-In Upgrade for 3ph Inverters</td>
</tr>
<tr>
<td>SE-5RS485-SPD2-K1</td>
<td>Surge Protection Device Plug-In for RS485 for 3ph Inverters</td>
</tr>
</tbody>
</table>

**Communication Products**

**Part Number | Product Description**

**Inverter Warranty Extensions**

- 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 25-40kW
  - For 3ph inverters ≥25kW with DC Safety Unit, purchased within 24 months from shipment date
    - WE-3SH-20DCD: 20 years, 3ph inverter 25-40kW
  - 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

**Monitoring Tools**

- 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: http://www.solaredge.com/products/pv-monitoring#/ 

**Display Products**

- SE17K-EMP-B: Demo 3ph Inverter 15-40kW, 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

**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: http://www.imt-solar.com/products.htm

**Metering Solutions, with 5-year warranty**

- SE-MTR-3-400V-A: 3ph/3ph 230V/400V, Energy Meter with Modbus Connection, DIN-Rail
- SE-RGMTR-3-400V-A: 3ph WYE, 480V Energy Meter, ANSI CLASS 05
- SE-5ACT-0750-50: 50A Split-Core Current Transformer, for 50Hz
- SE-5ACT-0750-100: 100A Split-Core Current Transformer, for 50Hz
- SE-5ACT-0750-250: 250A Split-Core Current Transformer, for 50Hz
- SE-5ACT-1000: 1000A Split-Core Current Transformer, for 50Hz

- SE-5ACT0750-200NA-20: 200A CT, for Split or Delta Grid 230V L-L, for 60Hz, Box of 20
- SE-5ACT1250-400NA-20: 400A CT, for Split or Delta Grid 230V for 60Hz, Box of 20
- SE-5CTB-4X4-1200: Bus-Bar CT, 4.0” x 4.0”, 1200A, 1.5% acc.
- SE-5CTB-4X4-2000: Bus-Bar CT, 4.0” x 4.0”, 2000A, 1.5% acc.
- SE-5CTB-4X4-3000: Bus-Bar CT, 4.0” x 4.5”, 3000A, 1.5% acc.
- SE-5CTB-4X4-5: 50 meter adapter cable

For 50Hz grid use the 50Hz current transformers, for 60Hz grid use the 60Hz current transformers.

**Designer Tool**

- A web-based tool to plan, build and validate your SolarEdge systems from inception to installation
  - For full details about the Designer tool visit: https://www.solaredge.com/products/installer-tools/designer#/ 

**For inverters with a display**

- SE-SAT-PR-S1: Satellite-based Performance Ratio; one site, for one year
  - For full details visit: https://www.solaredge.com/products/pv-monitoring/satellite-based-pr
- SE-SAT-PR-S2: Satellite-based Performance Ratio; one site, for one year plus one year historical data

For full details about the monitoring platform visit: http://www.solaredge.com/products/pv-monitoring/#/
SolarEdge supports you throughout your PV project lifecycle. We provide the tools and services to help you grow your business with us.

Comprehensive Service Suite

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.

PV simulation and comparative system analysis.

LCOE and ROI analysis.

Project design & pre-sale

Project execution

Operation & maintenance
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**
  - Fleet management
  - Pre-scheduled performance and status reports of multiple sites
  - Pinpointed automatic alerts
  - Inter-site and multi-site comparisons
  - Satellite-based performance ratio

- **Fault detection**
  - Inverter and module-level fault identification
  - Remote troubleshooting tools

- **Executive reporting**
  - Site specific automated production reports

- **Service**
  - Rapid RMA process
  - Follow the sun call center
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.