Commercial Offering for Installers & EPCs
SolarEdge Commercial Offering

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About SolarEdge

About us
In 2006, SolarEdge revolutionised 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

Award-winning technology

Shipping since 2010
- 3.5 million inverters and over 83.9 million Power Optimisers shipped worldwide
- SolarEdge’s Monitoring Platform continuously tracks over 2.45 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 Optimiser 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

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 maximise energy production and reduce lifetime costs.

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

Commercial rooftop installation cost breakdown*

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inverter</td>
<td>60%</td>
</tr>
<tr>
<td>EPC margin</td>
<td>14%</td>
</tr>
<tr>
<td>Electrical BOS</td>
<td>7%</td>
</tr>
<tr>
<td>PV panels</td>
<td>10%</td>
</tr>
<tr>
<td>Structural BOS</td>
<td>7%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
</tr>
</tbody>
</table>

* Based on SolarEdge market analysis, assuming total cost of ~€1/Wp
Maximum Energy Yield in Commercial Installations

Unavoidable in commercial installations, panel-level mismatch occurs when panels 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 panel manufacturer-warranted output power range may vary greatly. A standard deviation of 3% is sufficient to result in ~2% energy loss.

Soiling, shading & leaves
Panel soiling, from dirt, bird droppings or snow, contributes to mismatch between panels 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 panel aging
Panel performance can degrade up to 20% over 20 years, however, each panel ages at a different rate, which causes aging mismatch.

The SolarEdge DC optimised inverter solution mitigates power losses caused by panel mismatch for maximum power generation from each panel. With SolarEdge, strong panels are not affected by the weaker ones.
Design Flexibility

More power
With panel-level power optimisation and maximum design flexibility, more panels can be installed on the roof, enabling a shorter project payback period. SolarEdge Power Optimisers enable installation of:

- Panels 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 panels per string. This leads to fewer strings per inverter and therefore less wiring, combiner boxes, and fuses
PV Asset Management with Panel-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 realise 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 optimised inverter solution offers advanced PV monitoring and asset management. Power Optimisers constantly track MPP and report high-resolution data on panel 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.
PV Asset Management with Panel-Level Monitoring (cont.)

SolarEdge's Monitoring Platform features:

1. Real-time remote monitoring at the panel, 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 panels. 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.
PV Asset Management with Panel-Level Monitoring (cont.)

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

   **Soiling**
   - It is easy to identify the bypass diode failure with the panel-level voltage graphs. The faulty panel outputs at only 2/3 of the voltage (5/6 in this case of Power Optimiser connected to two panels).

   **Potential induced degradation (PID)**
   - Looking at the panels within one string, it is possible to see the power degradation increasing towards the negative pole.
   - No need to send technicians to the roof – panel voltage is measured remotely.

Bypass diode failure

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 panel-level safety feature which minimizes electrocution risk. To maintain string voltage below risk levels, Power Optimisers are designed to automatically switch into safety mode, in which the output voltage of each panel 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 an emergency, when the inverter or AC connection is shut down

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.

**Rapid shutdown capabilities**
SolarEdge’s optional rapid shutdown feature supports fast DC discharge to safe voltage levels within just 30 seconds, for even greater protection.

**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.

**Built-in temperature monitoring**
Thermal sensors integrated into the system detect faulty wiring that can potentially cause electric arcs.

**Favoured by global solar insurance companies**
SolarEdge’s multi-layered, holistic safety approach make it a favoured PV solution of worldwide solar insurance companies. It also meets leading property insurance company FM Global’s DS 1-15 engineering requirements*.

*Note: Safety functionalities described above may vary between different inverter models and firmware versions, and are applicable when inverter is turned on

+ Refer to FM Global Property Loss Prevention Datasheets: www.fmglobal.com/research-and-resources/fm-global-data-sheets
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 optimised inverter solution effectively minimises these potential costs.

Forward compatibility eliminates expensive stock of spare panel inventory.
- Replacement: SolarEdge allows panels of different power classes and brands in the same string.
- Expansion: New Power Optimisers can be utilised in the same string with older models.

SolarEdge offers a 25-year Power Optimiser 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

756 kWp SolarEdge System, Farmington, IL
Installed by Clean Energy Design Group, Inc
A Higher Lifetime Value

The SolarEdge DC optimised inverter solution offers a better LCOE for a system’s lifetime by maximising yield and reducing costs. It maximises power generation at the individual panel 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

![Graph showing lifetime system cost and revenue comparison between traditional inverter and SolarEdge solution.](graph.png)

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 Optimisers, and a Monitoring Platform. The technology provides superior power harvesting and panel management by connecting Power Optimisers at the panel level. The ability to connect two panels to one Power Optimiser, combined with DC to AC conversion and grid interaction being centralised at a simplified PV inverter maintains a competitive cost structure.

2-to-1 Power Optimiser configuration
- Panel-level MPPT - no mismatch power losses
- Strings of uneven lengths, panels on multiple azimuths & tilts
- Compatible with SolarEdge inverters SE15K & larger
- SafeDC™ - automatic panel-level safety shutdown

15kVA-100kVA inverter
- Specifically designed to work with Power Optimisers
- Easy installation, including 2-person install for large capacity models
- Innovative pre-commissioning tool for validating each stage of the install process (on selected models)
- Step-by-step inverter activation and commissioning with SetApp
- Built-in communication hardware
- Advanced safety features, including built-in arc fault protection and optional rapid shutdown
- 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 Optimisers over existing DC power lines (PLC)

Commercial gateway
Connection of multiple environmental sensors to analyse 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.
1.96 MWp Rooftop System Comparison

Comparison of a 1.96 MWp SolarEdge system to an identical system with a traditional string inverter

The system comprises 1,000 × 480 Wp panels. One system was designed with 14 × SE100K SolarEdge Synergy technology inverters and 2,040 × P1100 Power Optimisers in a 2:1 configuration. The second system was designed with 28 × 75 kW traditional string inverters.

Energy comparison

PVsyst was used to simulate the yield of both systems in year 1 and year 20. The SolarEdge advantage grows over time due to its ability to mitigate the panel mismatch caused by uneven PV panel aging. Otherwise, there is the risk that eventually, the panel voltage levels will decrease and exit the required voltage range needed for the inverter to perform MPP tracking.

<table>
<thead>
<tr>
<th></th>
<th>Traditional String Inverter</th>
<th>SolarEdge System</th>
<th>SolarEdge Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVsyst year 1 yield (MWh)</td>
<td>3,237</td>
<td>3,318</td>
<td>2.5%</td>
</tr>
<tr>
<td>PVsyst year 20 yield (MWh)</td>
<td>2,789</td>
<td>3,018</td>
<td>8.2%</td>
</tr>
</tbody>
</table>

BoS comparison

<table>
<thead>
<tr>
<th></th>
<th>Traditional String Inverter</th>
<th>SolarEdge DC Optimised Inverter</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Power (MWp)</td>
<td>1.96</td>
<td>1.96</td>
</tr>
<tr>
<td>AC Power (MVA)</td>
<td>1.5</td>
<td>1.5</td>
</tr>
<tr>
<td>Panels (480 Wp)</td>
<td>4,080</td>
<td>4,080</td>
</tr>
<tr>
<td>Inverters</td>
<td>28</td>
<td>14</td>
</tr>
<tr>
<td>No. of Strings</td>
<td>194</td>
<td>126</td>
</tr>
<tr>
<td>Panels per String</td>
<td>21</td>
<td>32/33</td>
</tr>
<tr>
<td>DC Cable CU 1 × 6 mm² (m)</td>
<td>11,782</td>
<td>24,030</td>
</tr>
<tr>
<td>DC AL Cable 1 × 95 mm²</td>
<td>6,768</td>
<td></td>
</tr>
<tr>
<td>DC Combiner Box</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>AC Cable N2XY 4 × 70 mm²</td>
<td>140</td>
<td>-</td>
</tr>
<tr>
<td>AC Cable N2XY 4 × 90 mm²</td>
<td>-</td>
<td>70</td>
</tr>
<tr>
<td>AC Combiner Box</td>
<td>1</td>
<td>1</td>
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<tr>
<td>MC4 Connectors (1 pair)</td>
<td>388</td>
<td>252</td>
</tr>
<tr>
<td>Datalogger</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>BoS Cost</td>
<td>100%</td>
<td>42%</td>
</tr>
<tr>
<td>BoS Cost Saving*</td>
<td>3.7 c/w</td>
<td></td>
</tr>
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</table>

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

Cabling comparison

Traditional inverter cabling diagram | Total of 194 strings

SolarEdge cabling diagram | Total of 126 strings
1.96MWp Rooftop System —
Electrical Diagram Comparison

Traditional string inverter system

SolarEdge DC optimised inverter solution
2.44MWp Ground Mount System Comparison

Comparison of a 2.44MWp SolarEdge system to an identical system with a traditional string inverter

The system comprises 5,544 x 440Wp panels. One system was designed with 17 x SE120K SolarEdge Synergy technology inverters and 2,772 x P950 Power Optimisers in a 2:1 configuration. The second system was designed with 14 x 150kW traditional string inverters.

Energy comparison
PVsyst was used to simulate the yield of both systems in year 1 and year 20. The SolarEdge advantage grows over time due to its ability to mitigate the panel mismatch caused by uneven PV panel aging. Otherwise, there is the risk that eventually, the panel voltage levels will decrease and exit the required voltage range needed for the inverter to perform MPP tracking.

<table>
<thead>
<tr>
<th></th>
<th>Traditional String Inverter</th>
<th>SolarEdge System</th>
<th>SolarEdge Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVsyst year 1 yield (MWh)</td>
<td>3,187</td>
<td>3,249</td>
<td>1.9%</td>
</tr>
<tr>
<td>PVsyst year 20 yield (MWh)</td>
<td>2,834</td>
<td>3,005</td>
<td>6%</td>
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</tbody>
</table>

BoS comparison

<table>
<thead>
<tr>
<th></th>
<th>Traditional String Inverter</th>
<th>SolarEdge DC Optimised Inverter</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Power (MWp)</td>
<td>2.44</td>
<td>2.44</td>
</tr>
<tr>
<td>AC Power (MVA)</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Panels (480Wp)</td>
<td>5,544</td>
<td>5,544</td>
</tr>
<tr>
<td>Inverters</td>
<td>14</td>
<td>17</td>
</tr>
<tr>
<td>No. of Strings</td>
<td>225</td>
<td>153</td>
</tr>
<tr>
<td>Panels per String</td>
<td>25</td>
<td>36</td>
</tr>
<tr>
<td>DC Cable CU 1 x 6mm² (m)</td>
<td>13,787</td>
<td>6,424</td>
</tr>
<tr>
<td>DC AL Cable 1 x 120mm²</td>
<td>140</td>
<td>-</td>
</tr>
<tr>
<td>DC Combiner Box</td>
<td>14</td>
<td>-</td>
</tr>
<tr>
<td>AC Cable N2XY 2 x (3 x 120mm²) + 120mm²</td>
<td>529</td>
<td>733</td>
</tr>
<tr>
<td>AC Cable N2XY 4 x 120mm²</td>
<td>1,156</td>
<td>1,375</td>
</tr>
<tr>
<td>AC Combiner Box</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>MC4 Connectors (1 pair)</td>
<td>225</td>
<td>153</td>
</tr>
<tr>
<td>Datalogger</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>BoS Cost</td>
<td>100%</td>
<td>85%</td>
</tr>
<tr>
<td>BoS Cost Saving*</td>
<td>0.82 c/w</td>
<td></td>
</tr>
</tbody>
</table>

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

Cabling comparison

Traditional inverter cabling diagram
Total of 225 strings

SolarEdge cabling diagram
Total of 153 strings

- String wiring
- Homerun DC cabling
- Inverter to local AC combiner cabling
- Local AC combiner to transformer
2.44Mwp Ground Mount System — Electrical Diagram Comparison

Traditional string inverter system

SolarEdge DC optimised inverter solution
Commercial Product Offering

Three Phase Inverters
/ 15kW-33.3kW models
/ Fixed voltage inverters for superior efficiency and longer strings
/ Integrated arc fault protection and optional rapid shutdown

Three Phase Inverters with Synergy Technology
/ 50kW-100kW models
/ Combines large capacity with ease of installation
/ Reduces time onsite with automatic system validation before grid connection

Power Optimisers
/ P605-P1100 and S1200 models for panel outputs up to 600W
/ Panel-level optimization with 1:1 or 2:1 PV panel to Power Optimiser ratio
/ Advanced safety features for maximum protection of people and property
/ Supports all panel types including high power and bi-facial

Monitoring Platform
/ Free, real-time system visibility at the panel level, anytime, anywhere
/ Pinpointed alerts for faster maintenance and higher system uptime
/ Dedicated Monitoring installer app and mySolarEdge app for system owners

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

Installation and Commissioning Tools
/ SetApp: Easy inverter commissioning direct from the installer’s smartphone
/ Mapper: Quick creation of virtual site maps in the Monitoring Platform via a mobile app

Communications Devices
Multiple options for wireless connection of inverters to the SolarEdge monitoring server, such as Wi-Fi, cellular and ZigBee

Energy Meter & Current Transformers
Supports high accuracy production/consumption monitoring, and export limitation

Performance Monitoring
Calculate site performance ratio and measure environmental conditions

Surge Protection Devices
Protect the AC/DC power lines and RS485 communication buses of SolarEdge Three Phase Inverters from electrical surges, such as lightning.
### SolarEdge Commercial Offering Ordering 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>SE15K-AU00BNJ4</td>
<td>Three Phase Inverter, 15kW</td>
</tr>
<tr>
<td>SE17K-AU00BNJ4</td>
<td>Three Phase Inverter, 17kW</td>
</tr>
<tr>
<td>SE25K-AU00BNV4</td>
<td>Three Phase Inverter, 25kW, includes RS485 Surge Protection Device plug-in</td>
</tr>
<tr>
<td>SE30K-AU00BNV4</td>
<td>Three Phase Inverter, 30kW, includes RS485 Surge Protection Device plug-in</td>
</tr>
<tr>
<td>SE33.3K-AU00BNV4</td>
<td>Three Phase Inverter, 33.3kW, includes RS485 Surge Protection Device plug-in</td>
</tr>
<tr>
<td>SE43.3K-AU00BNV4</td>
<td>Three Phase Inverter, 43.3kW, includes RS485 Surge Protection Device plug-in</td>
</tr>
<tr>
<td>SE50K-AU00BNV4</td>
<td>Synergy Manager, 50kW, DC Safety Switch</td>
</tr>
<tr>
<td>SE66.6K-AU00BNV4</td>
<td>Synergy Manager, 66.6kW, DC Safety Switch</td>
</tr>
<tr>
<td>SE82.8K-AU00BNV4</td>
<td>Synergy Manager, 82.8kW, DC Safety Switch</td>
</tr>
<tr>
<td>SE100K-AU00BNV4</td>
<td>Synergy Manager, 100kW, DC Safety Switch</td>
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<tr>
<td>SE50K-AU00BNV4</td>
<td>Synergy Manager, 50kW, DC Safety Switch</td>
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<td>SE82.8K-AU00BNV4</td>
<td>Synergy Manager, 82.8kW, DC Safety Switch</td>
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<td>SE100K-AU00BNV4</td>
<td>Synergy Manager, 100kW, DC Safety Switch</td>
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<tr>
<td>SESUK-AU00INNV4</td>
<td>Synergy Unit</td>
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</table>

### Three Phase Inverters with Synergy Technology - Synergy Manager, with SetApp inverter configuration

- Synergy Managers ≤66.6kW requires 2 x Synergy Units
- Synergy Managers >66.6kW requires 3 x Synergy Units

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
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<tbody>
<tr>
<td>P605-4RM4MBN</td>
<td>Designed for 1 x high power/bi-facial, max input voltage (@ min temp) 65V, output cable length 1.4m</td>
</tr>
<tr>
<td>P750-4RMMBN</td>
<td>Designed for 1 x high power/bi-facial, max. input voltage (@min temp) 60V, output cable length 1.4m</td>
</tr>
<tr>
<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</td>
</tr>
<tr>
<td>P850-4RMMBY</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>
</tr>
<tr>
<td>P950-4RMMBY</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>
</tr>
<tr>
<td>P1100-4RM4MBT</td>
<td>Designed for high power/bi-facial, 2 in series, max input voltage (@min temp) 125V, output cable length 2.4m</td>
</tr>
<tr>
<td>P1100-4RMMBT</td>
<td>Designed for high power/bi-facial, 2 in series, max input voltage (@min temp) 125V, output cable length 2.4m, input 1.3m</td>
</tr>
<tr>
<td>S1200-1GM4MBV</td>
<td>S-Series, input up to 1,200Wp, 2 in series, output cable length 5.4m</td>
</tr>
<tr>
<td>S1200-1GMXMBV</td>
<td>S-Series, input up to 1,200Wp, 2 in series, output cable length 5.4m, input 1.3m</td>
</tr>
</tbody>
</table>

### Three Phase Inverters with Synergy Technology - Synergy Unit: 12-year warranty included

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-20MF-MC4-SEAL</td>
<td>20 Pairs of MC4 Seals for Power Optimiser Connectors</td>
</tr>
</tbody>
</table>
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>SE1000-CCG-G-S1</td>
<td>Commercial Gateway</td>
</tr>
<tr>
<td>SE1000-CCG-F-S1</td>
<td>Firefighter Gateway</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>

**Surge Protection Kits**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-RS485-SPD3-B</td>
<td>Surge Protection Kit for SE15K-SE33.3K</td>
</tr>
<tr>
<td>SE-DC-SPD-I</td>
<td>DC Surge Protection upgrade kit for SE30/33.3K-AU00IBNV4</td>
</tr>
<tr>
<td>SE-AC-SPD-I</td>
<td>AC Surge Protection upgrade kit, for SE30/33.3K-AU00IBNV4</td>
</tr>
</tbody>
</table>

**Environmental Sensors**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE1000-SEN-TAMB-S2</td>
<td>Ambient Temperature Sensor 0-10V</td>
</tr>
<tr>
<td>SE1000-SEN-TMOD-S2</td>
<td>Panel Temperature Sensor 4-20mA</td>
</tr>
<tr>
<td>SE1000-SEN-IRR-S1</td>
<td>Irradiance Sensor 0-1.4V</td>
</tr>
<tr>
<td>SE1000-SEN-WIND-S1</td>
<td>Wind Velocity Sensor 4-20mA</td>
</tr>
</tbody>
</table>

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](http://www.imt-solar.com/products.htm)

**Metering Solutions** with 5-year warranty for the Energy Meter

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-MTR-3Y-400V-A</td>
<td>1ph/3ph 230/400V, Energy Meter with Modbus Connection, DIN-Rail, CLASS 05, V2</td>
</tr>
<tr>
<td>SE-CTML-0350-070</td>
<td>70A Split-Core Current Transformer</td>
</tr>
<tr>
<td>SECT-SPL-100A-A</td>
<td>100A Split-Core Current Transformer</td>
</tr>
<tr>
<td>SECT-SPL-250A-A</td>
<td>250A Split-Core Current Transformer</td>
</tr>
<tr>
<td>SECT-SPL-1000A-A</td>
<td>1000A Split-Core Current Transformer</td>
</tr>
<tr>
<td>SE-CTB-4X4-1200</td>
<td>Bus-Bar CT, 4.0” x 4.0”, 1200A, 1.5% acc.</td>
</tr>
<tr>
<td>SE-CTB-4X4-2000</td>
<td>Bus-Bar CT, 4.0” x 4.0”, 2000A, 1.5% acc.</td>
</tr>
<tr>
<td>SE-CTB-4X4.5-3000</td>
<td>Bus-Bar CT, 4.0” x 4.5”, 3000A, 1.5% acc.</td>
</tr>
</tbody>
</table>

**Inverter Warranty Extensions**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WE-3H-20</td>
<td>20 years, Three Phase Inverter ≥ 15kW, ≤25kW</td>
</tr>
<tr>
<td>WE-3SH-20DCD</td>
<td>20 years, Three Phase Inverter 25-40kW</td>
</tr>
<tr>
<td>WE-3MH-20</td>
<td>20 years, Three Phase Inverter with Synergy Technology</td>
</tr>
<tr>
<td>WE-3SUH-20</td>
<td>20 years, Three Phase Inverter with Synergy Technology, ≤80kW</td>
</tr>
<tr>
<td>WE-3LSM-20</td>
<td>20 years, Three Phase Inverter with Synergy Technology, ≤80kW</td>
</tr>
<tr>
<td>WE-3HSM-20</td>
<td>20 years, Three Phase Inverter with Synergy Technology, &gt;80kW</td>
</tr>
</tbody>
</table>

**Monitoring Tools**

Free, real-time, panel-level monitoring of PV system performance via the SolarEdge Monitoring Platform. Accessible from your computer or mobile device


**Designer Tool**

A web-based tool to plan, build and validate your SolarEdge systems from inception to installation


For more details, go to: [http://www.imt-solar.com/products.htm](http://www.imt-solar.com/products.htm)
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 and pre-sale

Our dedicated tools and engineering services help you close deals.

Tailor-made design optimisation by SolarEdge pre-sale engineers

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

LCOE and ROI analysis

PV simulation and comparative system analysis

Project design & pre-sale

Project execution

Operation & maintenance
Comprehensive Service Suite (Cont.)

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

- 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 mobile SetApp
- 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 panel-level fault identification
  - Remote troubleshooting tools
- Executive reporting
  - Site specific automated production reports
  - Rapid RMA process
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 optimised inverter maximises 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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