



# The Smart Solar & Storage Energy Ecosystem for Premium Sustainable Homes



Take sustainable living  
to the next level

Quality smart energy systems have been proven to increase the value and attractiveness of new homes for potential buyers. That is why home builders and solar installers around the world prefer SolarEdge when incorporating solar and storage in new home communities. SolarEdge Home is more than just another solar energy system. It is a personal home energy ecosystem designed to adapt to the homeowner's changing needs, preferences, and lifestyle – maximizing their energy savings. And it employs the industry's strictest safety features to protect people and property.

---

Installed in over

**2.7**

**million**  
homes worldwide

---

# SolarEdge Home: The Smart Energy Home of the Future

The SolarEdge Home ecosystem includes everything your customers need to enjoy smart energy living, from award-winning inverters to EV chargers, and smart energy devices that expand their use of free solar energy.

**SolarEdge Home Backup Interface**  
Keeps the power on when the grid is off



**SolarEdge Power Optimizer**  
Makes sure that each panel produces at its peak



**SolarEdge Home EV Charger**  
Charges your car on sunshine  
**Coming soon**



**SolarEdge Home Battery**  
Stores your solar energy to use at night



**SolarEdge Home Hub Inverter**  
The brains of your home energy system that controls everything



# The Confidence of Working with a Global Leader



## More Power, More Savings

SolarEdge PV systems produce more solar energy and better optimize usage. Homeowners can easily add more solar modules or customize their SolarEdge Home ecosystem as their energy needs evolve.



## Single Trusted Vendor

Streamline your business with a complete solar and smart energy management solution from one of the world's largest and most respected solar energy solution providers.



## Quality You Can Count On

Working with SolarEdge means offering top of the line products that you can trust. Engineered with safety and high energy yields in mind, SolarEdge Home is supported by the industry's longest warranties.





# The SolarEdge Software Suite

A complete software suite for designing, installing, managing, and monitoring SolarEdge PV systems. Included at no extra cost- no license or subscription fees required.



## SolarEdge Designer

A web-based solar design tool that helps home builders and PV installers build residential solar energy projects from inception to installation



## SolarEdge Monitoring Platform

Provides real-time, module level information regarding system performance and alert notifications so installers can quickly and remotely handle maintenance or other issues before they become risks.

- Easily manage and monitor multiple accounts from a single, easy-to-use platform



## mySolarEdge App

Real-time dashboard for homeowners provides full access to system performance down to the module level, so they can see their savings in real time while managing energy production, consumption and storage.



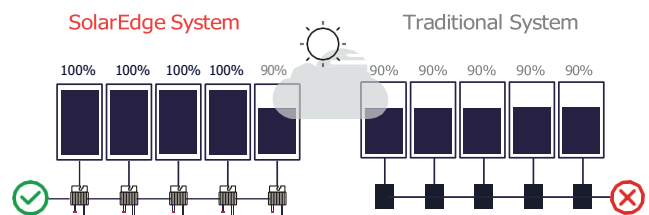
# Living on Sunshine

## Meet your customers' future energy needs today in a single solution

SolarEdge Home supports your customers' evolving energy needs. With a full line of smart energy devices to choose from, your customers can expand their ecosystem to use more of the energy they produce throughout their home, further reducing electricity bills and increasing their energy independence. The SolarEdge Home Hot Water and Load Controllers, EV Charger, Smart Sockets and Switches increase the value of your customers' investment and enable more efficient use of appliances.

### SolarEdge Power Optimizers: A Powerful Difference

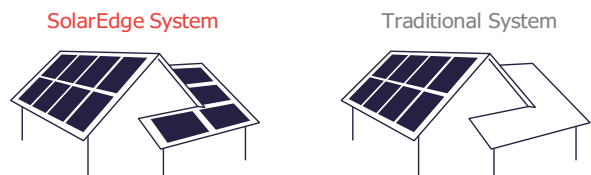
SolarEdge Power Optimizers ensure that your customers generate the most energy possible from their PV modules while enabling panel-level visibility and multi-layer safety. They turn regular solar modules into smart modules, using Maximum Power Point Tracking algorithms to ensure each module produces at its maximum performance level. This avoids mismatch issues caused by shading, bird droppings, trees, and more - so your customers save more on their electricity bills.



Compared with traditional inverters where the weakest module reduces the performance of all modules in the same string. SolarEdge Home's technology overcomes these limitations, enabling homeowners to produce more energy.

### Making Your Roof Designs Even More Powerful

SolarEdge superior design flexibility can efficiently use more available roof area – even on irregular roof elements and orientations. So your customers can produce the maximum amount of power from the roof you design.



### Your Safer Choice in Solar

Built-in safety features meet and often surpass the industry's highest standards to protect families, maintenance workers, and property, including:

**Sense Connect**  
Automatically detects and provides alerts on potential connector overheating

**SafeDC™**  
Automatically shuts the system down to touch-safe levels in the event of an emergency to provide safety for maintenance teams or rescue workers

**Rapid Shutdown**  
Reduces the entire PV array to safe voltage levels within 30 seconds

### SolarEdge Home Batteries

Our highly efficient, DC-coupled batteries store any unused solar energy and save it for homeowners to power their home at night, on cloudy days, during peak demand periods, or during a power outage\*.

### UL9540A compliant

SolarEdge Home Battery 400V is one of the first residential batteries to pass the strictest UL9540A unit level test for fire safety hazards, allowing convenient indoor installations.



# Working with SolarEdge

From 2017 until today, SolarEdge has shipped more residential inverters than any other company.\* This experience has empowered us to provide the ultimate smart energy ecosystem for your customers. As an international public company that maintains a strong local presence, we speak your language and understand home builders' needs.

## Support

Comprehensive pre-and post-sale technical services include dedicated software for installation and commissioning, personal project-based consulting, and more.

## Lower O&M Costs

Our advanced monitoring software continuously tracks panel-level performance for real-time information and remote troubleshooting.

## Long-Term Warranties

Designed for seamless integration and backed by industry-leading warranties and support from a single manufacturer.

---

Your #1 energy partner for premium, sustainable home builds

---

\* IHS PV Inverter Market Tracker First Quarter 2023



SolarEdge Home is a personal home energy ecosystem, designed to adapt to homeowners' changing energy needs, preferences, and lifestyles, day and night. This complete ecosystem combines patented SolarEdge PV technology, including Power Optimizers, the SolarEdge Home Hub and Wave Inverters, SolarEdge Home Backup Interface and SolarEdge Home Battery, plus innovative smart energy devices all controlled from the mySolarEdge app. With SolarEdge Home, homeowners can significantly reduce their electricity bills, lead more sustainable lifestyles, and grow their system as their needs evolve.



SolarEdge



@SolarEdgePV



SolarEdgePV



[www.solaredge.com](http://www.solaredge.com)

©SolarEdge Technologies, Ltd. All rights reserved.  
Subject to change without notice.

To view YouTube videos for installing, wiring, and commissioning SolarEdge Inverters please click the links or scan the following QR codes:

For more information on Installation:

<https://youtu.be/pjuo7KjRHXc>



For more information on Wiring:

[https://youtu.be/o\\_EgCnL\\_r38](https://youtu.be/o_EgCnL_r38)



For more information on Commissioning:

[https://youtu.be/\\_JoiC4\\_H8sk](https://youtu.be/_JoiC4_H8sk)

