

# solaredge

# Home

Power Your Life Your Way



Offer your customers a complete smart energy ecosystem that integrates PV, storage, backup, EV charging and home energy consumption. All from one trusted vendor and all managed with a single app.

# Take Solar to the Next Level with a Smart Energy Ecosystem

from the #1 inverter company in the world\*

SolarEdge Home is a smart energy ecosystem that allows homeowners to control and optimise their solar production and consumption.

Automating smart energy management, SolarEdge Home includes battery storage, backup, EV charging and smart energy devices, to bring customers greater savings and even closer to energy independence. SolarEdge Home is a single-vendor solution managed entirely by the mySolarEdge app.

The SolarEdge Home Hub Inverter manages the entire ecosystem. It automatically ensures that PV can be consumed and stored according to the customer's defined preferences. So, with SolarEdge Home, your customers benefit from greater cost savings and optimized solar usage.



## Earn More

Benefit from long term business opportunities by meeting your customers' energy needs, now and into the future with a growing suite of SolarEdge Home products. Adding more solar modules, and the newer higher-powered solar modules, is easy with our robust oversizing allowances. Access to the sophisticated SolarEdge Monitoring Platform results in reduced operations and maintenance costs over the lifetime of the PV installation.

## Install with Ease

SolarEdge Home products are designed to work together which makes installation easier. The devices communicate wirelessly eliminating unnecessary cabling. Quickly commission each of the devices through SetApp by simply scanning a QR code.

## Provide Quality

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.

## Enjoy Partnership

With a single vendor for all products, warranties and service, you can enjoy a more efficient and responsive operation and get quick results. SolarEdge offers you everything you need to succeed - from a design tool that upgrades your quotes, to professional marketing collateral, training webinars and online courses.

## The SolarEdge Home Ecosystem

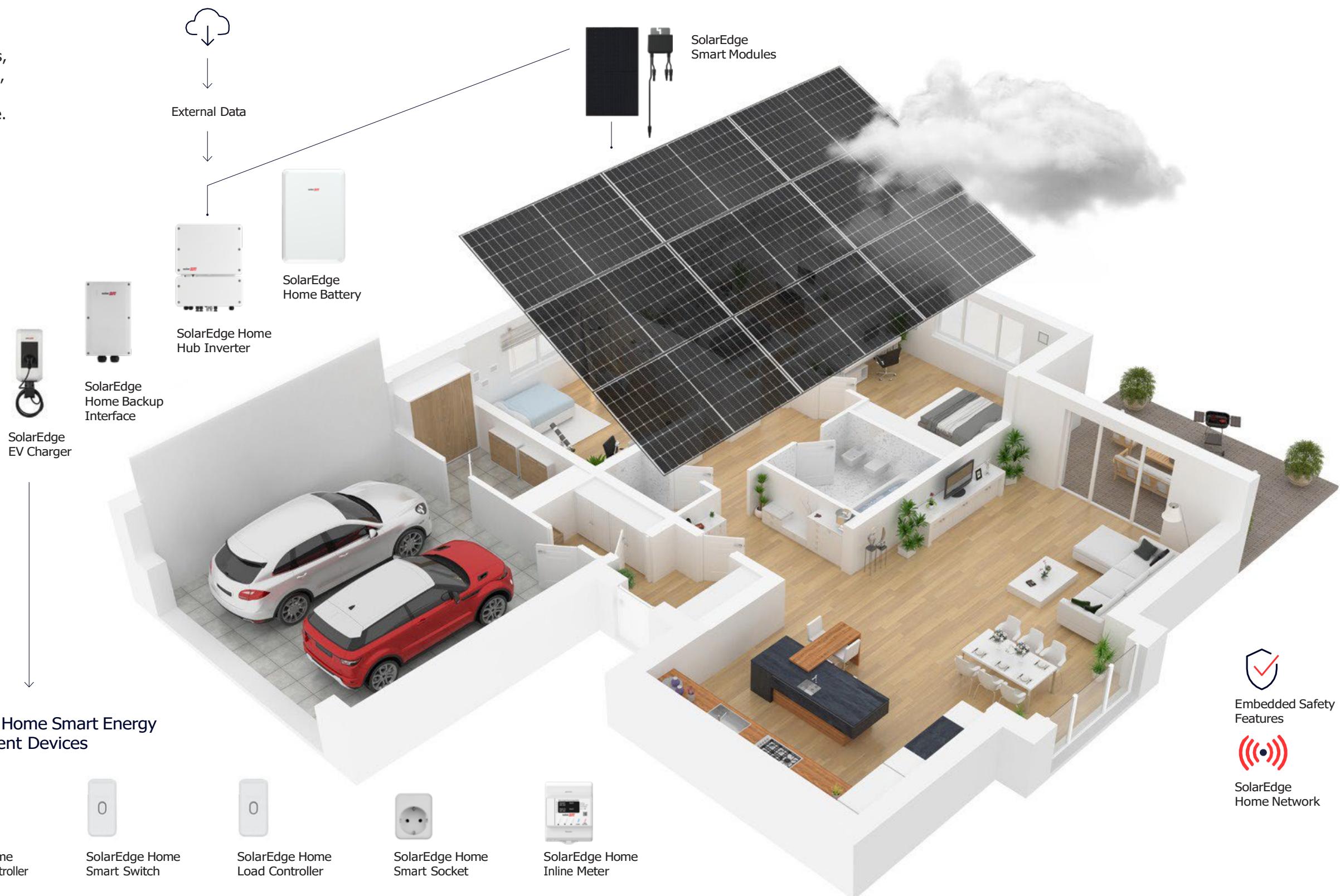
Includes award-winning inverters, batteries, and smart modules, as well as EV chargers, backup and smart energy devices that expand the use of solar energy in the home.



### mySolarEdge App

Lets homeowners see their savings in real time, while managing energy production, consumption, savings and CO<sub>2</sub> reduction. This real-time dashboard provides full access to system performance down to the module level.

**SolarEdge Monitoring Platform**  
Real-time, module level information regarding system performance and alert notifications to let you quickly handle maintenance or other issues before they become risks.



#### SolarEdge Smart Modules

Our premium solar modules come integrated with SolarEdge Power Optimizers to maximise energy output and monitor individual module performance.

#### SolarEdge Home Hub Inverter

The "brain" that converts solar DC power into the AC power used in the home while managing storage, backup and smart devices using the SolarEdge Home Operating System.

#### SolarEdge Home Battery

Stores energy to use after sunset, during peak rates or to power heavy energy-consuming appliances.

#### SolarEdge EV Charger

Enables you to charge your electric car at home with cleaner and cheaper renewable energy so that you're literally driving on sunshine.

#### SolarEdge Home Network

Robust wireless communication platform to connect smart energy devices without the hassle of drilling and cables.

#### Smart Devices

Complete suite of devices that connect to chosen appliances to maximise solar energy consumption throughout the home and provide greater control of energy expenses.

## The SolarEdge Advantage

SolarEdge has shipped more residential inverters globally over the last six years than any other PV company.\* This experience is invaluable in empowering us to provide the smart energy ecosystem that your customers need.

As an international public company with a strong local presence since 2010, we speak your language. Five R&D centers and seven manufacturing facilities around the world enable us to ensure consistent product innovation responding to field-learned needs.

## More Energy

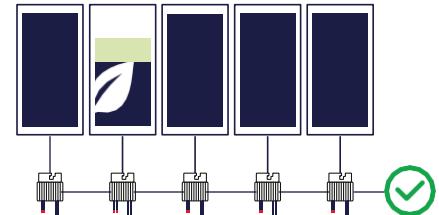
SolarEdge technology ensures that homeowners benefit from the most energy possible from their PV production. With DC optimised PV architecture and a DC coupled battery, the system minimises energy losses from power conversions. Maximum power point tracking on the module level instead of for an entire string, ensures that each module performs at its individual peak to generate maximum energy. Avoid module mismatch issues and reduced production due to shading, which can occur in string inverter systems. While microinverter systems clip energy at a certain point, SolarEdge Power Optimizers utilises that clipped energy and sends it to the battery for use in the home. These technological benefits mean more energy, greater savings and less reliance on the grid.

## More Places

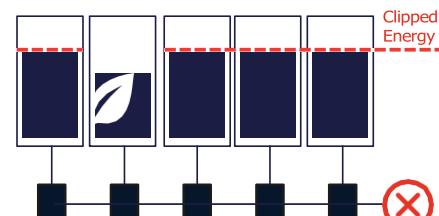
With a full line of smart energy devices to choose from, your customers can easily use more of the energy they produce to power their home, further reducing electricity bills and increasing their energy independence.

The EV Charger, Hot Water and Load Controllers, Smart Sockets and Switches all expand use of solar energy throughout the home and enable more efficient use of appliances. And with the SolarEdge Home Operating System which automatically makes smart operational decisions, solar use is optimised for maximum savings.

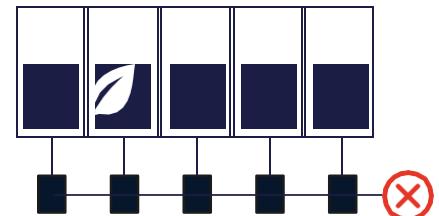
SolarEdge Home = more energy



Microinverter design



String inverter systems: When one panel's production is reduced, all panels in the string can only produce to that level



## More Safety

With SolarEdge, safety is built in – it's not an add on. This means more protection for installers, maintenance workers and emergency personnel, and a system that homeowners can trust. Our newest patented safety innovation is Sense Connect technology featured in each S-Series Power Optimizer to detect abnormal temperature before it can turn into an electric arc. This joins our suite of safety features that includes SafeDC™, which ensures touch safe levels on the roof when necessary; AFCI, which senses the beginning of an electric arc and automatically switches off the inverter; and the SolarEdge Monitoring Platform which tracks each module and can determine exactly where an error occurred.

## More Control

Your customers can easily keep track of energy production and consumption with the mySolarEdge app, and program their system according to their preferences\*\*. Battery levels will be maintained as needed and appliance usage can be scheduled during high solar production periods or non-peak times.

## One Point of Contact

One vendor for everything solar means easier sales, easier installation and easier support.

SolarEdge installers receive dedicated software that supports sales, price quotes, installation, commissioning, and system oversight. We work with you hand in hand, providing technical and marketing support, as well as training with special webinars and full-on classes that help installers grow their skills.

\* According to World Grid Connected Single Phase PV Inverter Supplier Market Share Estimates, Shipments, MW IHS PV Market Tracker, 2nd Quarter 2022

\*\* Full functionality coming soon. Check with your SolarEdge sales rep for dates.





## Long Term Opportunity

The SolarEdge Home solution is scalable, helping to build long term customer relationships that will address their future energy needs. Homeowners begin with the system they want today and can expand their ecosystem as energy needs change, adding batteries, EV charging and smart energy devices. Our technology also allows for integration of newer, higher-powered modules. All devices work together to simplify installation, communication, and use.



## About SolarEdge

SolarEdge is a global leader in smart energy technology. With world-class engineering capabilities and relentless focus on innovation, we create smart energy products and solutions that power our lives and drive future progress.

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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)

