

# Living on Sunshine

SolarEdge Home is the future-ready smart energy ecosystem that gives you control of your energy day and night.

Start Saving.





# More Power. More Places.

SolarEdge Home is a smart energy ecosystem, designed to help you take control of your family's energy future and your electricity bills. It adapts to your changing energy needs, preferences and lifestyle - day and night.

## SolarEdge Home Smart Energy Management Devices

Expand your use of solar energy throughout your home



SolarEdge Home Hot Water Controller



SolarEdge Home Load Controller



SolarEdge Home Smart Socket

Coming Soon



SolarEdge Home Smart Switch

Coming Soon

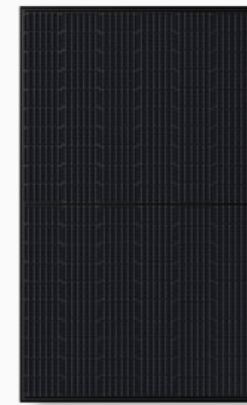
Do you have another brand of PV?

Upgrade to SolarEdge Home



### SolarEdge Home Battery

Stores your solar energy to use at night



### SolarEdge Power Optimizer

Makes sure that each panel produces at its peak

### SolarEdge Smart Panel

Each smart panel comes preassembled with a Power Optimizer for maximum power generation



### SolarEdge Home Hub Inverter

The brains of your home energy system that controls everything



### SolarEdge Home Backup Interface

Keeps the power on when the grid is off



### SolarEdge EV Charger

Charges your car on sunshine



### SolarEdge Home Inline Meter

Provides you with real time production and consumption info

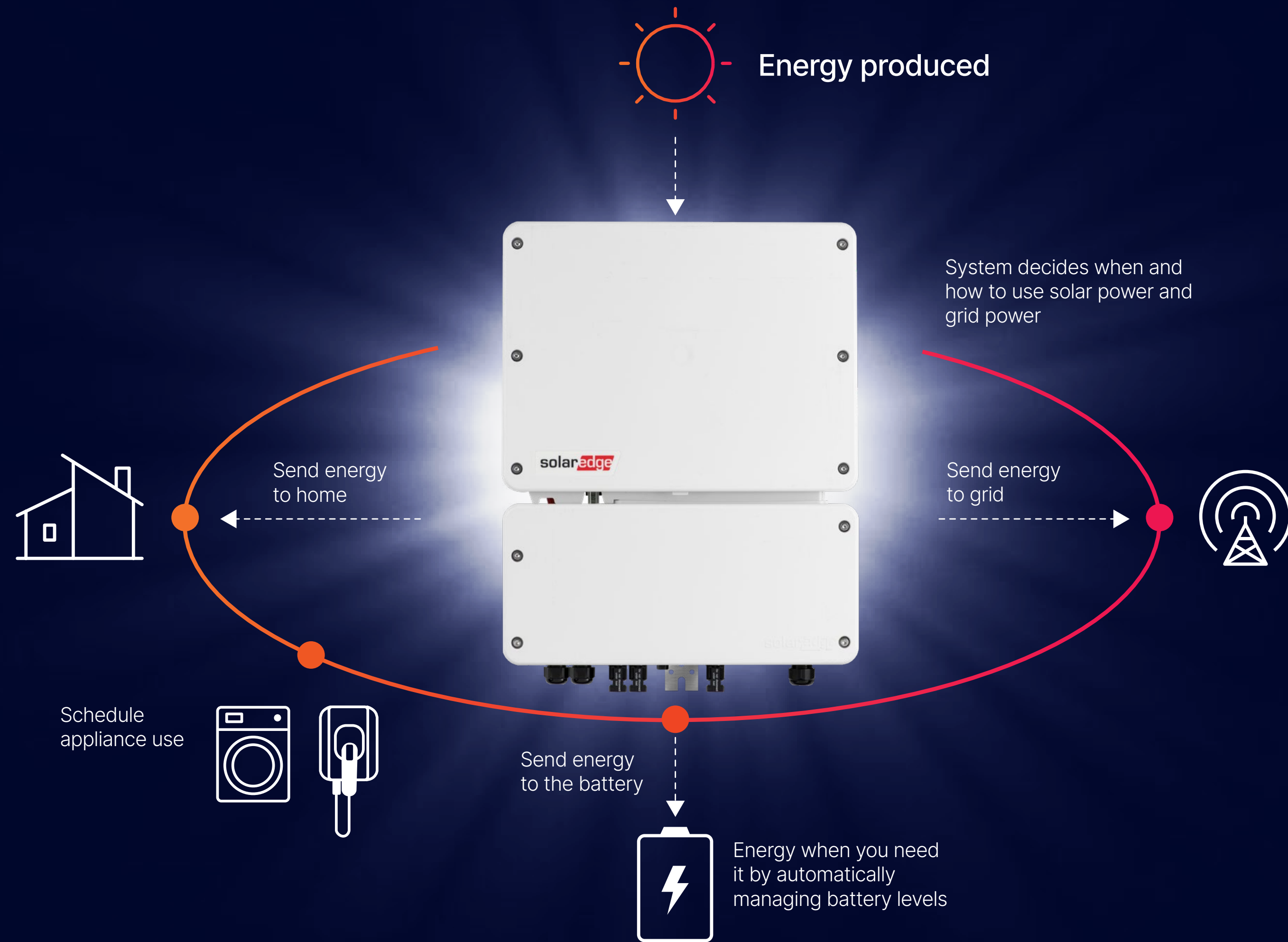


A roof to grid solution that lets you produce and store energy efficiently and safely. One supplier for seamless operation, easy warranties and support.



# How Will Your New Ecosystem Work?

SolarEdge Home optimises and prioritises your home's energy distribution based on your individual preferences.





# Get More From Your Solar System

## The SolarEdge Advantage

SolarEdge has developed a series of technological solutions that are designed to deliver more power to your home and more money in your pocket, while keeping your family safe.

### More control

Track and control your SolarEdge Home performance from the mySolarEdge app, easily accessed from your smart phone.

### More safety

Our built-in safety features protect your family and property, including

- Sense Connect - automatically detects and provides alerts on abnormal temperature.
- SafeDC™ - automatically shuts the system down to touch safe levels to provide safety for maintenance teams or rescue workers.

### More energy

- **Full optimization.** With other systems, if one panel is soiled or produces less energy, all the panels on the string produce less. Power Optimisers enable each panel to perform independently, maximising your power production.

- **More options.** With SolarEdge design flexibility, you have the freedom to place more panels on your roof - leveraging different string lengths, angles and orientations.

- **Energy Efficiency.** SolarEdge DC Optimisation eliminates unnecessary AC-DC power conversions and resulting energy losses, so you use more of what you produce.

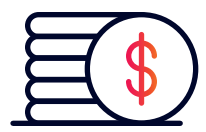
- **Oversizing.** The short story - produce more with the same inverter. Longer story - add panels and produce to peak midday levels for more hours of the day.

- **Fixed voltage inverter.** This technology (made possible by our Power Optimizers) ensures optimal DC-AC conversion efficiency, and enables more solar panels per string.





# Using Power Optimizers Gives You More Power



## Peak performance

Power Optimizers allow each solar panel to achieve peak performance, improving the overall efficiency of the solar system. Shading, soiling, aging and different tilts do not impact solar generation as experienced with other systems.



## Pinpointed tracking

Power Optimizers connect to each panel and send detailed data to our advanced monitoring software. In this way, the performance of your system is continually tracked and any issues generate alerts which are monitored by your installer.



## Keeps you safe

Our Power Optimizers bring your home multi-layer protection against unlikely occurrences such as arcs and other electric hazards.





# SolarEdge Smart Panels

Premium panel solution with integrated Power Optimizers to boost performance and aesthetics.

- PERC technology for greater absorption of light
- Exceptional wind durability
- Half-cut cell technology for more energy generation
- Quick and easy install





# SolarEdge Home Hub Inverter

## Backup Ready

Meet the ultimate home energy manager in charge of your solar production, consumption, and storage, including full or partial home backup.

### Safe and efficient

Designed with safety features to protect your family, the Hub inverter is also exceptionally efficient, which leaves more energy for use in your home.

### One manager for everything

The SolarEdge Home Hub Inverter oversees all of your solar devices. It intelligently optimises your home's energy use so you can use more of your produced energy, extend backup power and reduce costs.



SolarEdge Home  
Hub Inverter -  
Single Phase



SolarEdge Home  
Hub Inverter -  
Three Phase

# SolarEdge Home Backup Interface

## Stay On When The Grid Is Off.

Whether you seek partial or full-home backup\*, the SolarEdge Home Backup Interface gives you full flexibility in deciding which loads to back up and in what order\*\*, while protecting you against system overload.

\* Backup applications are subject to local regulations and require connection with the SolarEdge Home Battery and Backup Interface.

\*\*Check with your installer for local firmware updates for this feature.



# SolarEdge Home Wave Inverter

## One Inverter for Everything Solar

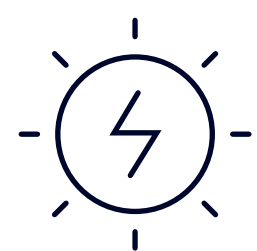
Powered by award winning technology, the SolarEdge Home Wave Inverter manages PV production, on-grid battery storage, EV charging and smart energy devices. Easy.



SolarEdge Home Wave Inverter - Three Phase



SolarEdge Home Wave Inverter - Single Phase



### Delivers Results

The SolarEdge Home Wave Inverter gives your system record breaking efficiency and allows you to make the best use of the space on your roof. You produce more - and save more.



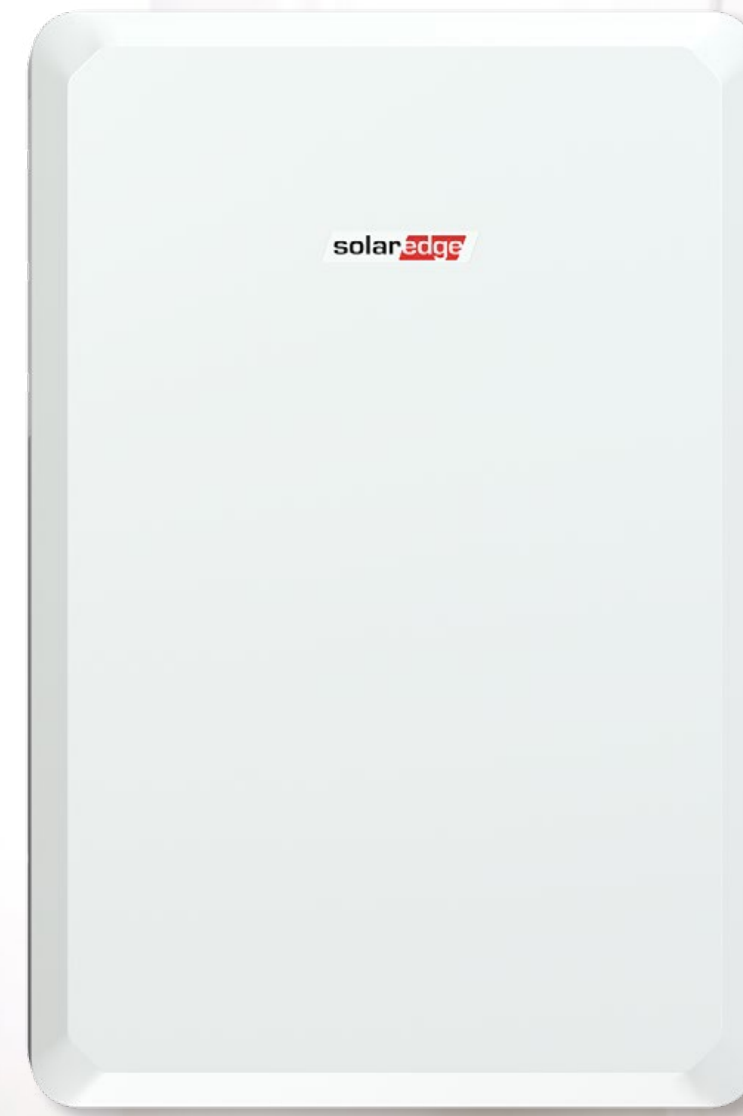
### Protects Your Family

Built in features to ensure the safe operation of your system.



# Store excess solar with the SolarEdge Home Battery

- Charge with solar energy or from the grid to make the most of lower cost time-of-use tariffs
- Indoor or outdoor installation
- Powerful safety features
- Seamlessly integrate with the SolarEdge Home Hub Inverters and Backup Interface
- With best-in-class battery efficiency, you use and store more power.
- Add multiple battery modules for extended outage power\* and greater year-round savings.
- Stay confident with an industry-leading warranty.



SolarEdge Home  
Battery 400V



SolarEdge Home  
Battery 48V



\* Backup applications are subject to local regulations and require connection with the SolarEdge Home Hub Inverter and Backup Interface.



# SolarEdge EV Charger

## Top Up Your Car at Home and Save

Use battery stored solar energy to power up at night and run your car on clean energy.

- Suitable for single and three phase installations, for both indoor and outdoor use
- Use excess PV to charge EVs from the sun and reduce electricity bills\*
- Charge when the rates are low including at night, or during a power outage\*\*
- Control your charging with the mySolarEdge app, including remote operations, smart scheduling and charging history
- Balances the EV charging load for smooth operation in the home\*
- Choose between two models:
  - Integrated 6m charging cable with Type 2 connector
  - Socket model, without cable
- Integrated optional RFID card authentication and MID meter
  - OCPP compatible
- Mode 3 charging station, with up to 32A (22kW) charging power

\* Backup applications are subject to local regulations and require connection with SolarEdge Home backup supporting inverter and battery

\*\* Coming soon with a firmware update; talk to your local representative for dates





## Use Solar Energy in More Places

Adding smart energy management devices to your ecosystem enables you to take better advantage of the solar energy you produce - giving you more control of your energy and your bills.

SolarEdge Home Hot Water and Load Controllers, Smart Sockets and Switches expand your use of solar energy throughout your home, enabling you to run your appliances more efficiently. As part of the SolarEdge Home ecosystem they be directed by you with a few clicks on the mySolarEdge app.





# Take Control

Keeping track of your energy production and consumption is easy with the mySolarEdge app.

This intuitive application runs on your mobile device to give you a real-time dashboard of your home energy status.

Your installer gets their own application - the SolarEdge Monitoring Platform - which provides remote monitoring and maintenance down to the module level.

- View your PV system performance in real-time
- Track your savings
- Full control of PV production, smart devices, EV and storage, all from a single app

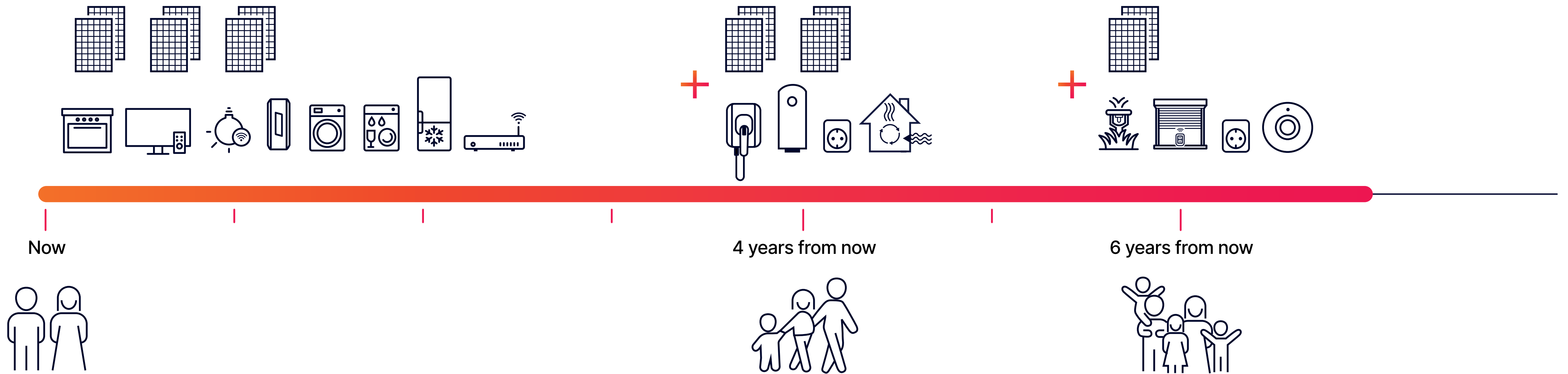




# The Scalable Ecosystem for Your Long Term Energy Needs

Install what you need today and easily scale your ecosystem as your energy needs develop.

**Your home becomes future-proof**  
Be ready for an EV or two, more appliances in your home as your needs change.





# Long Term Warranties

SolarEdge products are built for long-term performance, with industry-leading warranties. One partner for all warranties and service.



SolarEdge Home Battery



SolarEdge Home Backup Interface



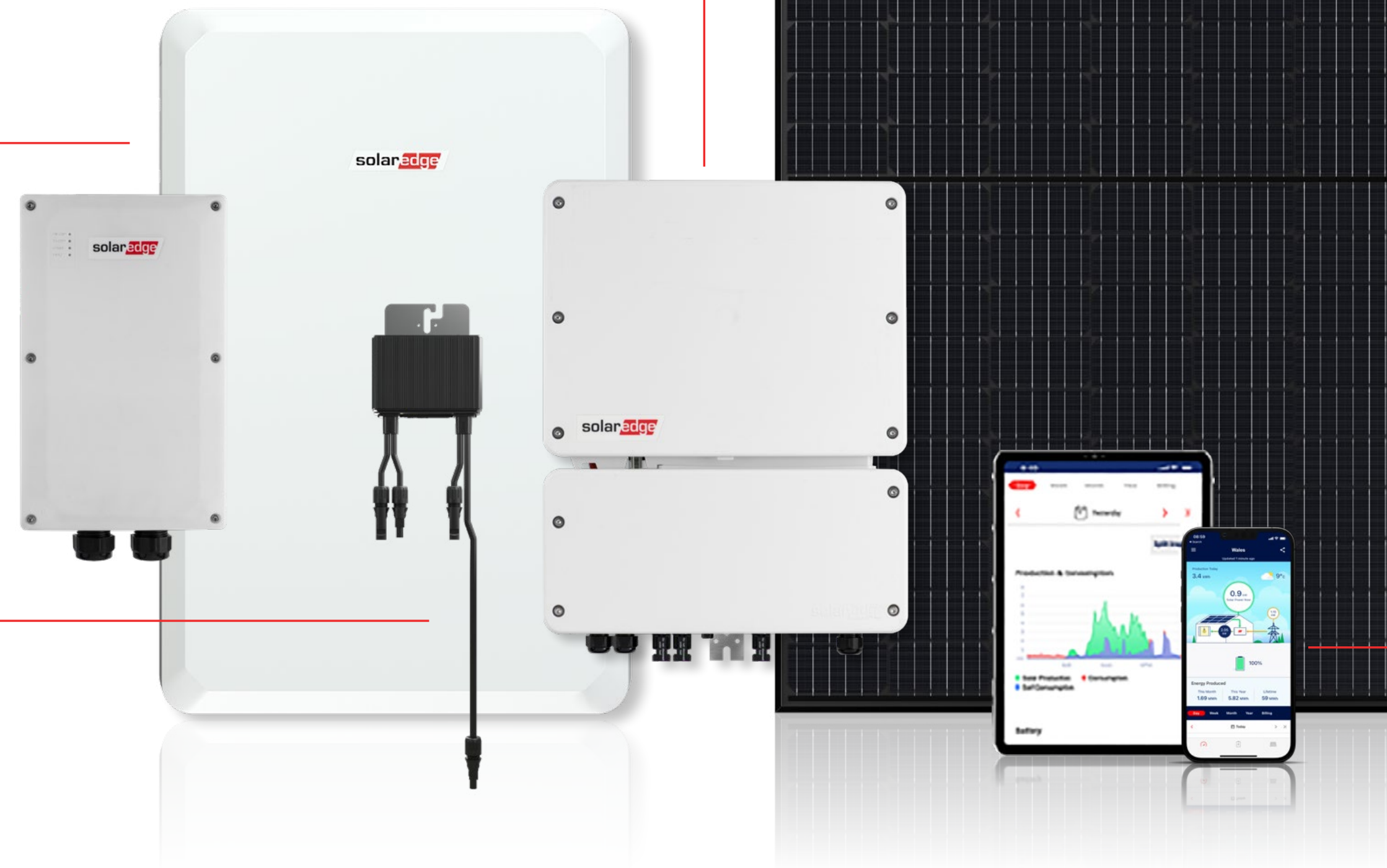
SolarEdge Power Optimizer



SolarEdge Home Hub Inverter



SolarEdge Smart Panels



SolarEdge Monitoring Platform and mySolarEdge App



SolarEdge is a global leader in smart energy, delivering solutions for homes, businesses and transportation that power our lives and drive future progress. Leveraging world-class engineering and worldwide experience, SolarEdge developed a ground-breaking DC-optimized PV system that changed the way solar energy is harvested and managed. As a result of this and other innovations, SolarEdge is today the world's #1 solar inverter company in revenue. Traded on Nasdaq and listed on the S&P 500, SolarEdge systems power nearly 3 million installations across the world.

**#1** Inverter company  
in the world

LET US BE YOUR ENERGY PARTNER

SolarEdge

@SolarEdgePV

@SolarEdgePV

SolarEdgePV

SolarEdge

infobe@solaredge.com

[solaredge.com](https://solaredge.com)

©SolarEdge Technologies, Ltd. All rights reserved.  
Rv: 03/2023/V01/ROW  
Subject to change without notice

\* #1 inverter company in the world as per the World PV inverter supplier rankings by revenues, IHS PV inverter market tracker, fourth quarter 2022

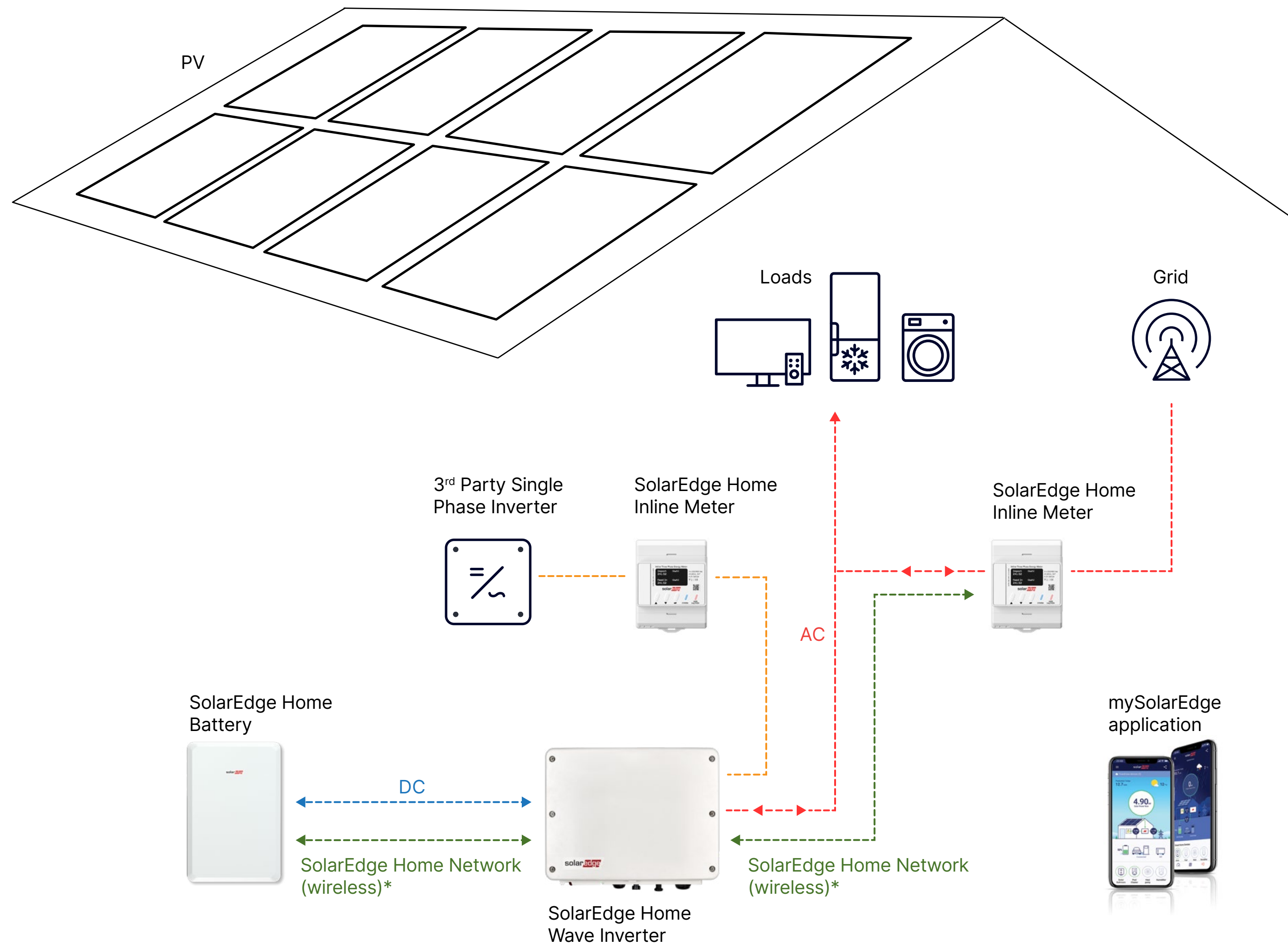


# Be Ready for Anything

## It's never too late to upgrade to SolarEdge

Even if you already have another installation, you can still enjoy the benefits of SolarEdge Home

- Add SolarEdge products to enjoy the smart energy lifestyle, with an inverter that can manage your energy in the home
- Add newer, more powerful panels and still enjoy your current installation
- If your old inverter wears out before the panels, switch to SolarEdge by adding Power Optimizers



\* Wired option also available