

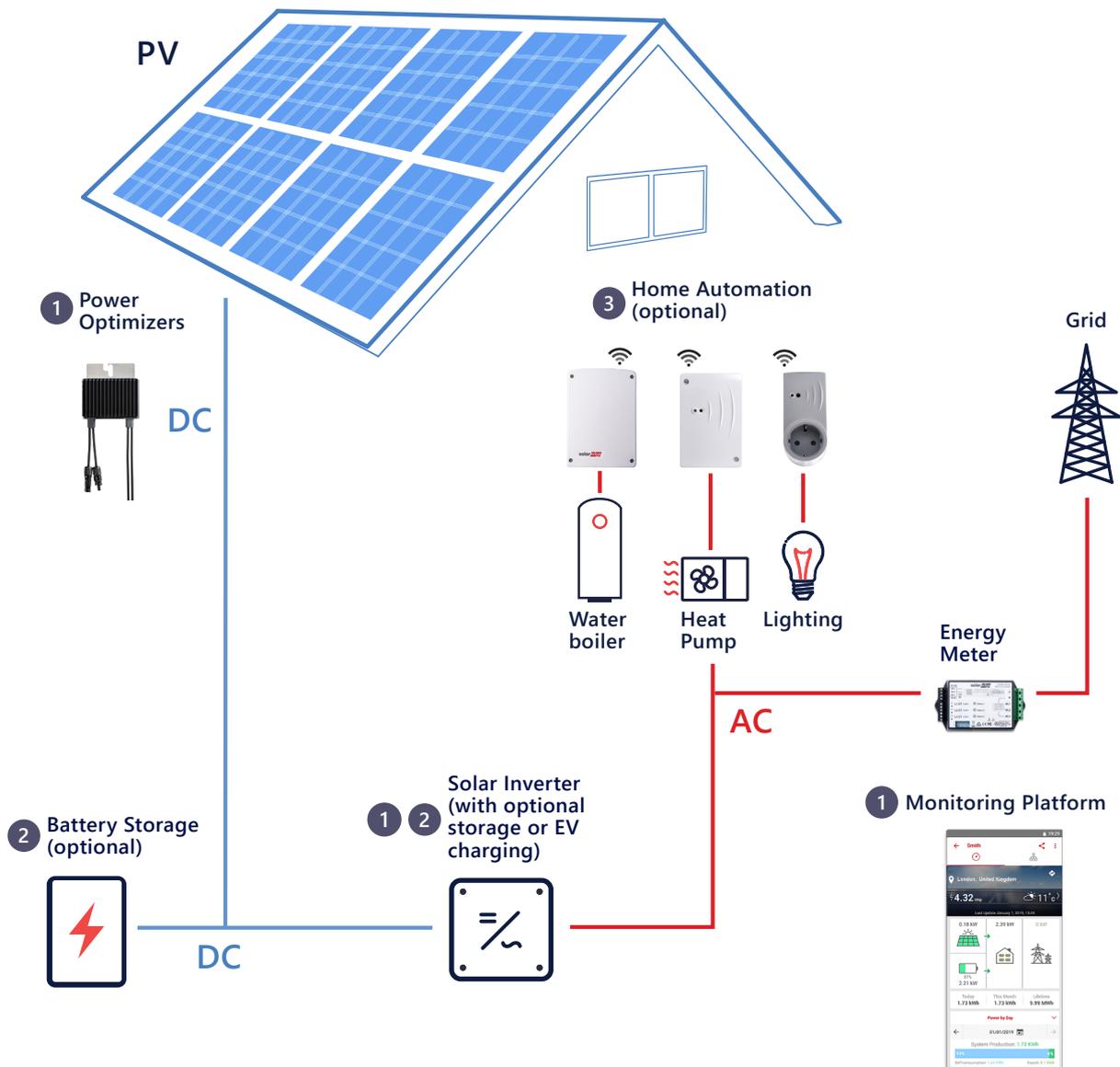
# Enhance Your PV Offering with Smart Energy Management



solar **edge**

# / Grow Your Business with Extended PV Capabilities

As homeowners' energy demands and consumption patterns continue to evolve, make sure you equip them with smart energy systems that do much more than just manage their PV production. Grow your business by offering additional capabilities beyond PV, such as home automation, battery storage, and EV charging solutions.



## 1 Optimized PV Production

- Power optimizers help increase solar module output
- Solar inverter to manage PV, and optional storage, smart energy, and EV charging applications
- Monitoring platform for module-level performance visibility

## 2 Battery Storage / EV Charging

- Optional capabilities beyond just PV:
- StorEdge™: store excess PV to the battery for use when needed
  - EV charging: combine sun and grid power for up to 2.5 faster battery charging than standard EV chargers

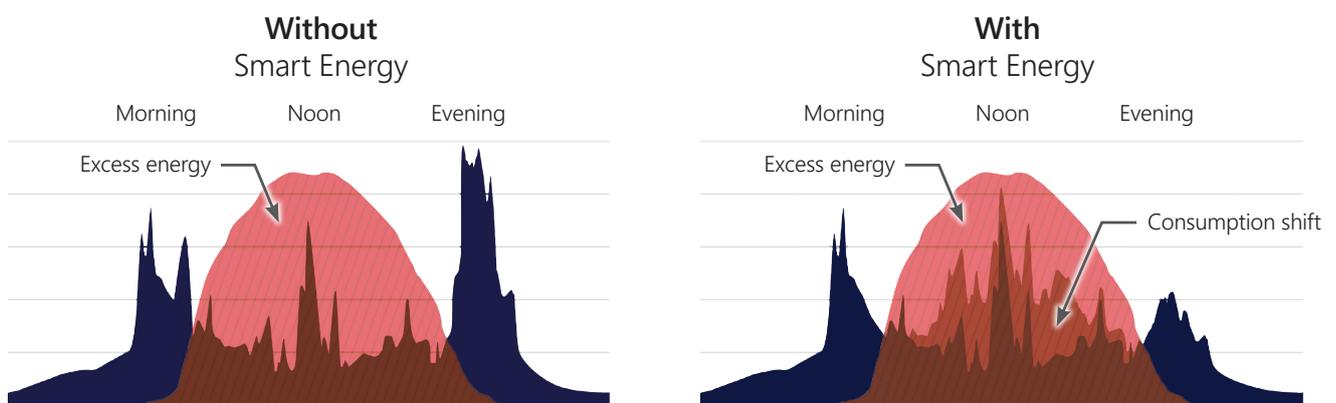
## 3 Home Automation

- Designed to automatically and efficiently divert excess PV energy to power home appliances, for maximized solar energy usage and user convenience.

# / Boost Homeowner Energy Efficiency and Savings

With SolarEdge's smart energy solutions, your customers will benefit from increased solar usage, lower dependency on the grid, and reduced electricity bills. All conveniently managed by just a single, smart inverter, the brains of the home energy system.

Solar energy usage is maximized by shifting device consumption to match PV production as well as by storing energy to use when needed. Power is diverted to household loads at the programmed time using excess PV or battery power. Grid power is only used if PV/battery power is not available.



# / Home Automation Applications



## Smart Energy Hot Water

Wireless controller automatically diverting excess PV energy to the hot water boiler, providing hot water and highly cost-effective energy storage.



## Smart Energy Switch & Smart Energy Socket

Wireless switch for controlling electrical loads, such as pool pumps, fans, lighting and other home appliances.



## Smart Energy Relay

Wireless relay for controlling high loads using an external control interface, such as smart grid-ready supported heat pumps.

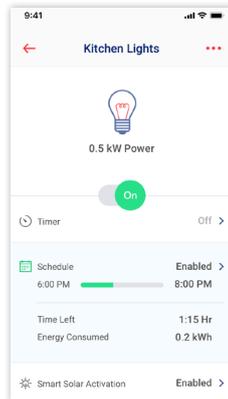
# / Control in the Palm of Your Hand

The SolarEdge monitoring mobile app can be used to easily control household appliances, view system performance, or check EV charging status, anytime, anywhere.

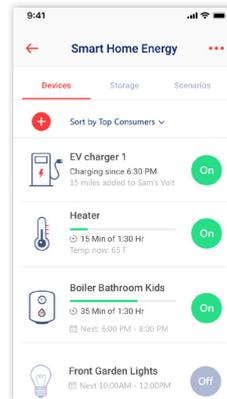
Providing real-time system visibility, the monitoring app lets homeowners manually or automatically schedule device operation, ensuring maximum utilization of available PV energy.



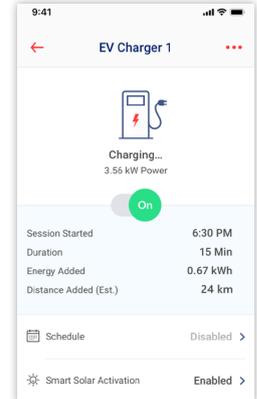
Check system and battery performance



Schedule device operation



Manually control home appliances



Check EV charging status

The monitoring app provides homeowners with several user-friendly modes to conveniently control household devices and EV charging status.

## Smart Save

Use available PV energy to power the appliance. Grid power is only used if PV energy is insufficient to meet the demand.

## Scheduler

Set multiple programs for automatic device operation e.g. schedule when patio lights turn on and off or when the EV is charged.

## Excess Solar Power Mode

Select an individual device to utilize excess PV energy before other devices to ensure the device always benefits from the maximum available PV energy.

## Manual

Easily turn device on or off, or switch to Timer, or Scheduler modes.

## About SolarEdge

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



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