# SolarEdge

## The Smart Solution

2019

# End-to-End Smart Energy Provider

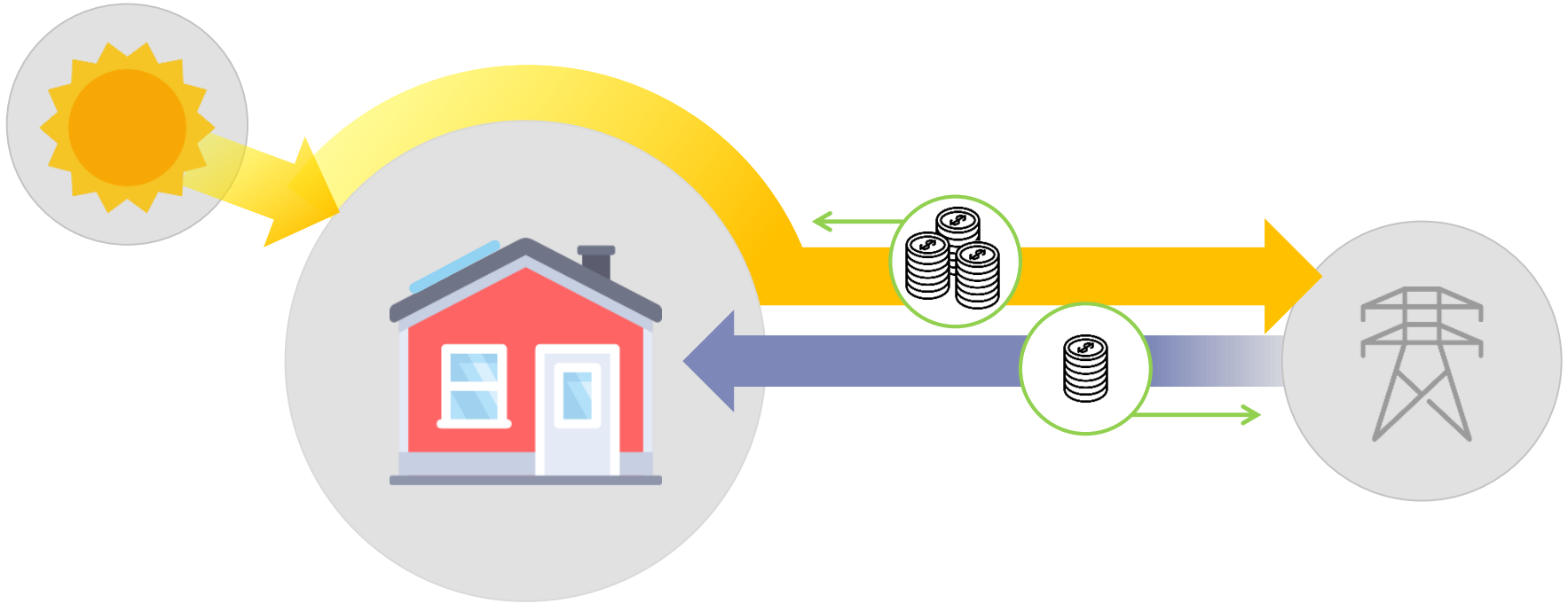
- One-stop-shop for smart energy solutions
- Established 2006 and NASDAQ IPO in 2015
- Global leader in smart solar inverters with installations in over 130 countries
- Award-winning innovative company with strong product portfolio and roadmap
- Ranked as top global inverter company
- More than just solar:
  - Gamatronic: Developer of uninterruptible power supply solutions
  - Kokam: A top-tier provider of Li-Ion cells, batteries, and energy storage solutions from South Korea
  - SMRE: Provider of innovative integrated powertrain technology and electronics for electric vehicles

# The Evolution of Incentive Structures

# The Evolution of Incentive Structures

## FiT

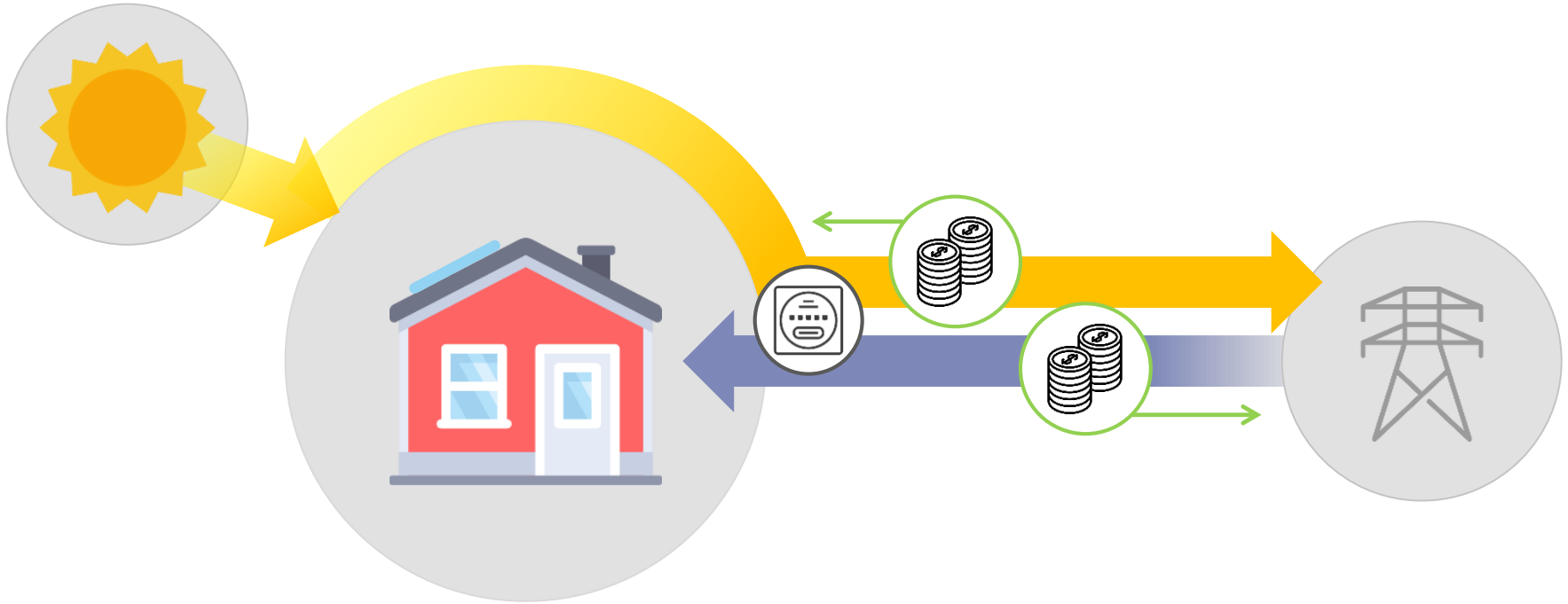
Utilities pay renewable energy producers a fixed and above-retail rate for electricity supplied to the grid.



# The Evolution of Incentive Structures

## Net Metering

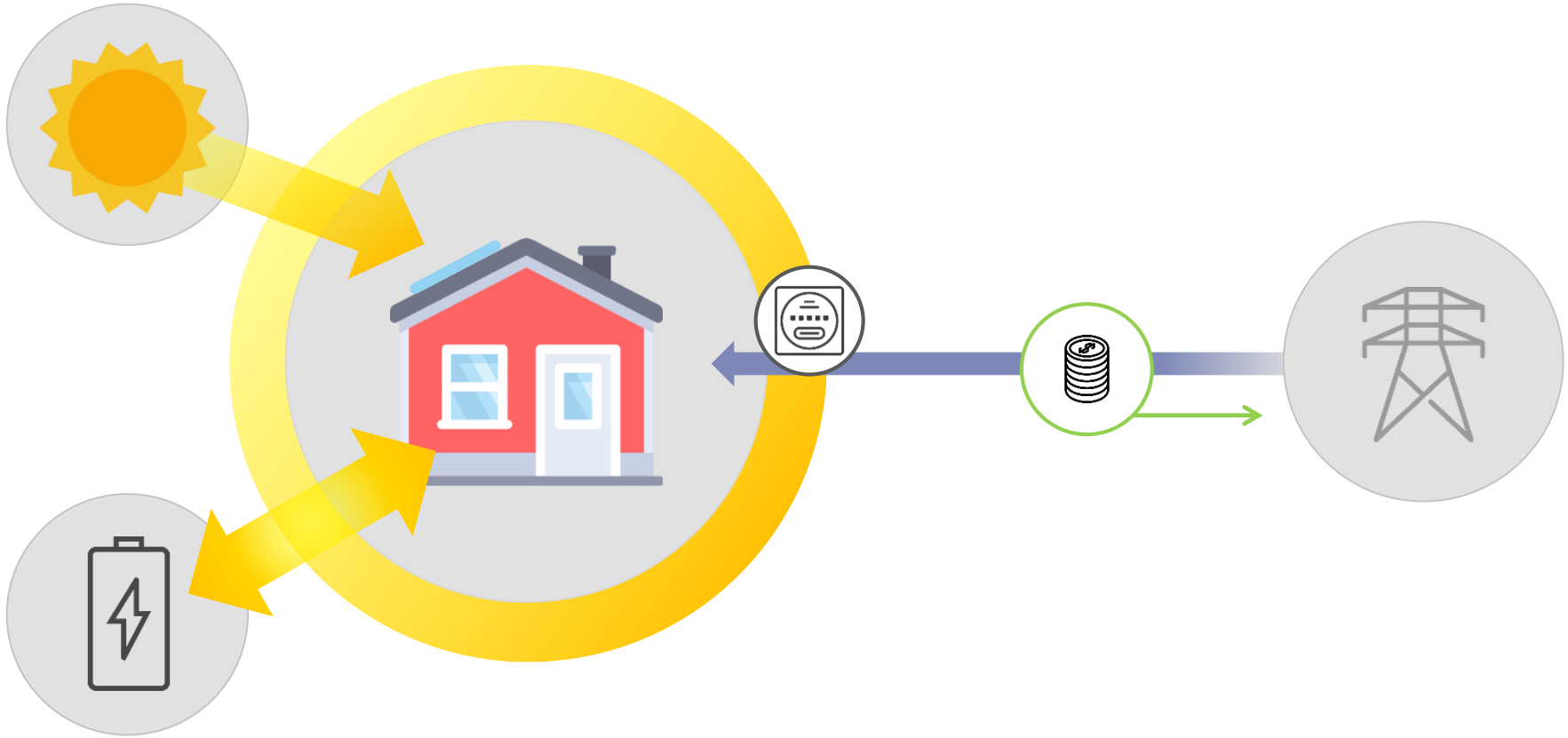
The cost of the electric energy consumed from the grid is offset by the electric energy generated by the renewable source.



# The Evolution of Solar PV

## Self-Consumption

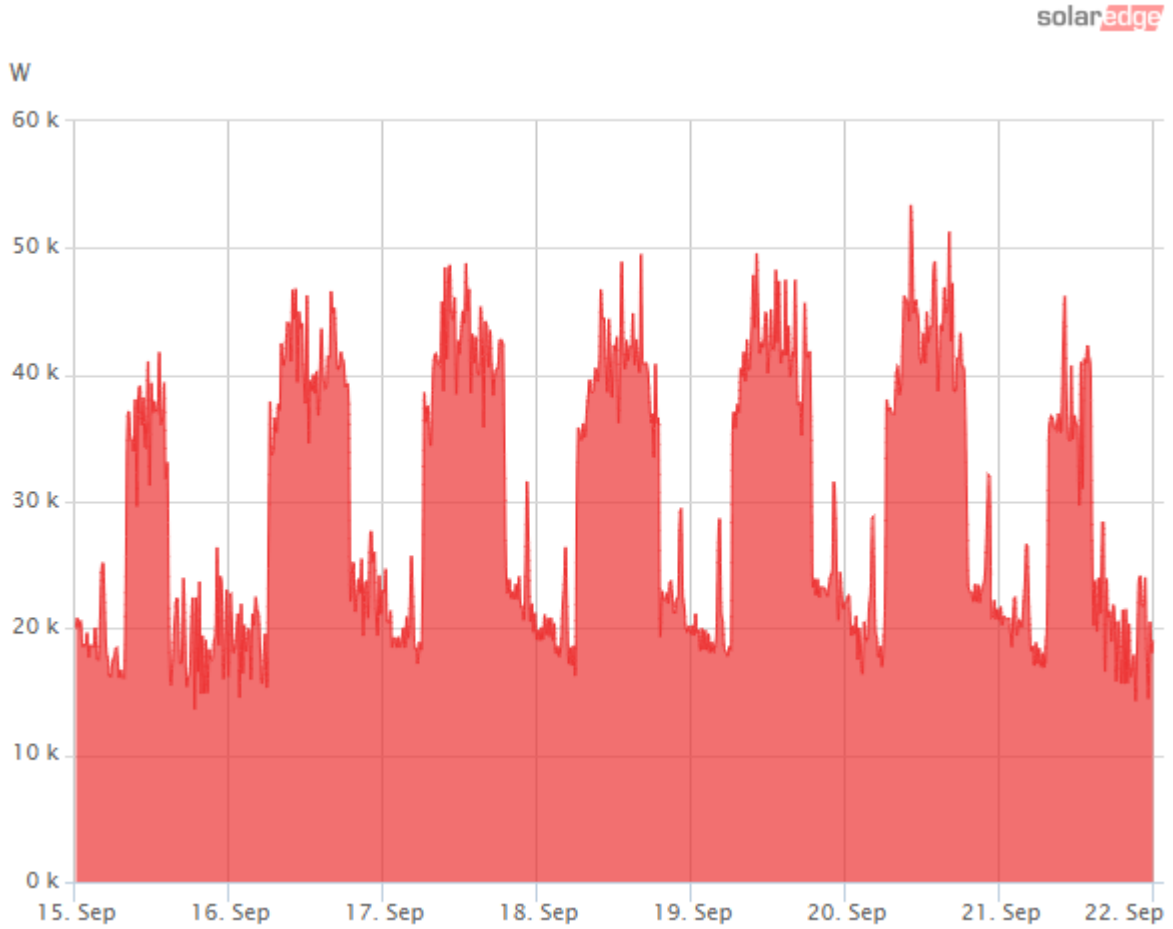
PV system owners consume self-generated solar electricity.



# Consumption profile

- Commercial property
- Base load
- Peak demand 7 days a week

- 5100kWh in a week
- @12p per kW = £612




solaredge

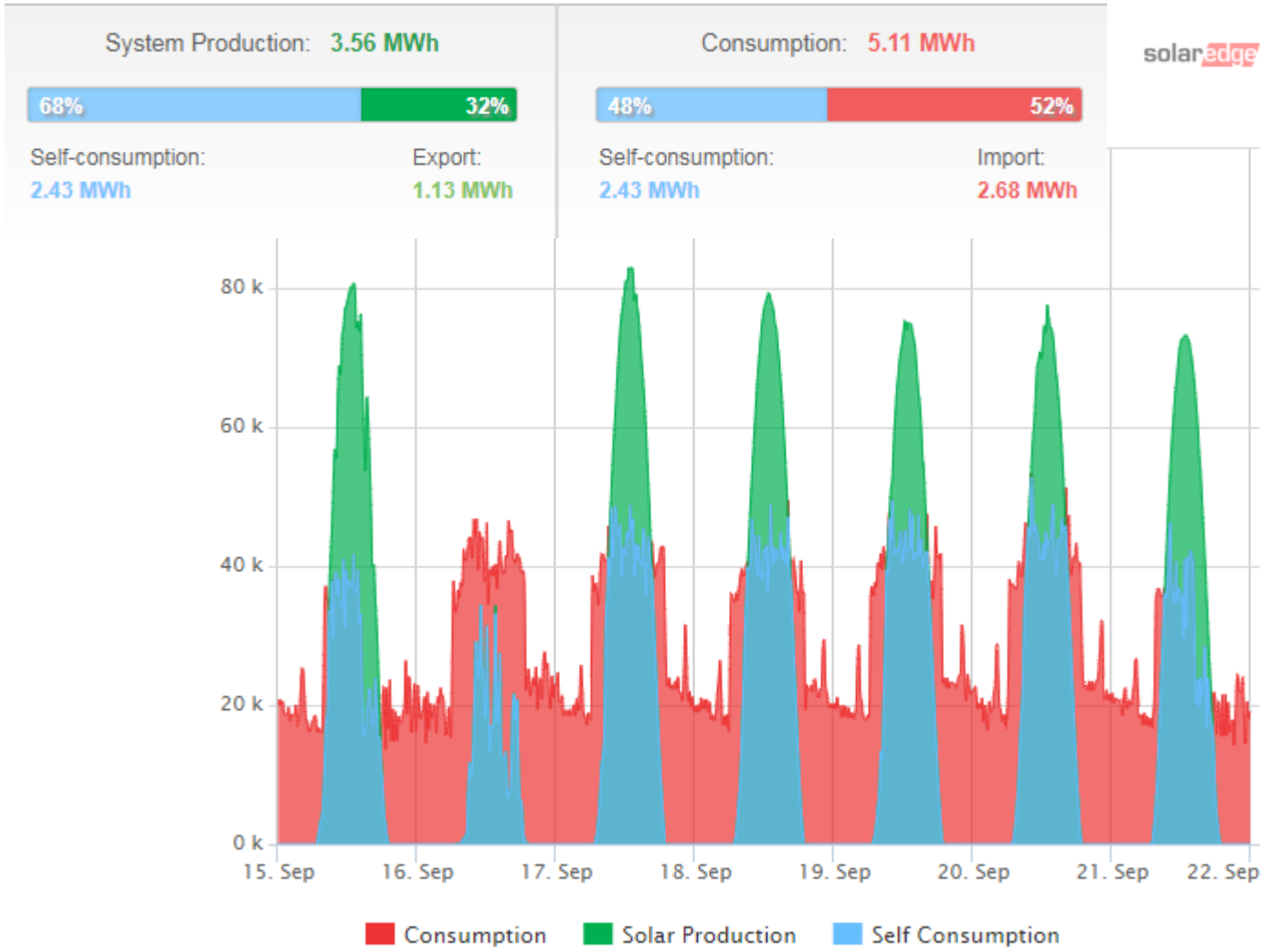
# Solar self consumption

- 100kW PV system
- 550sq m

- 5,100kWh in a week
- 2,430 provided by solar
- Saving of £292 (@12p)

- 950kg of Co2

- 1,130 exported solar




solaredge

# Daily output

# EV Charging Inverter

solaredge

# The World's First EV Charging Single Phase Inverter

# The World's First EV Charging Single Phase Inverter

# The World’s First EV Charging Single Phase Inverter

The SolarEdge EV Charging Single Phase Inverter is designed to save money and increase self-consumption by integrating Electric Vehicle (EV) charging capability with the home PV inverter

- Reduces the cost & labor of installing a separate standalone EV charger and PV inverter
- Excess Solar PV feature
- Integration with monitoring platform

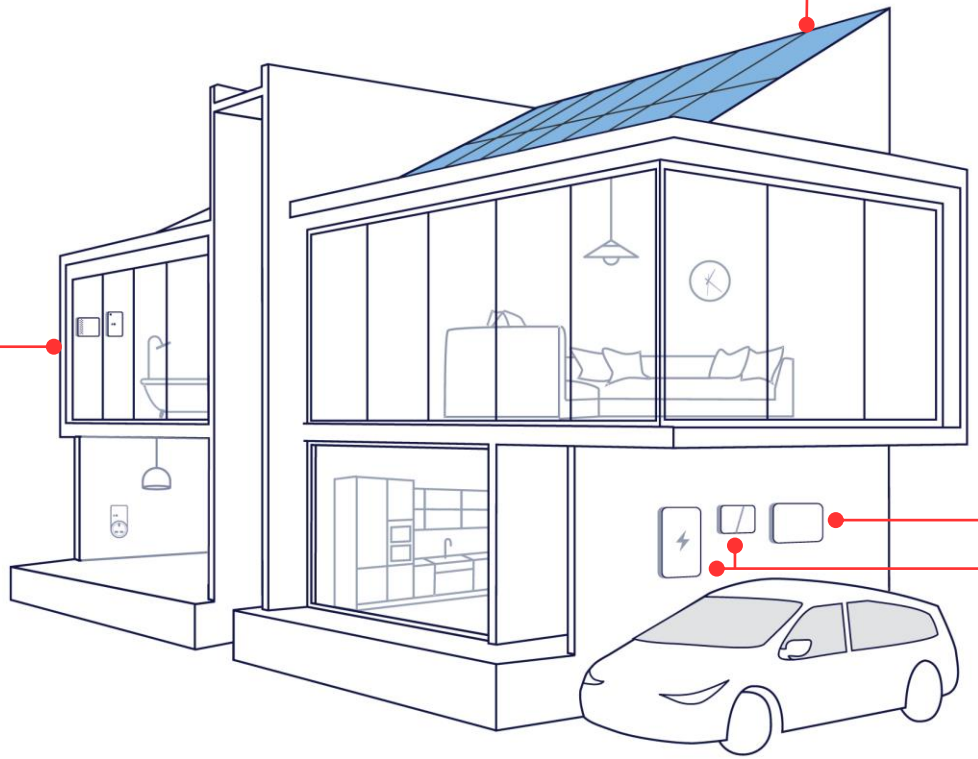
**Solar Boost Mode: 2.5x Faster Charging**

7.4kW (32 AMP) Mode 3 charger

# Complete SolarEdge Residential Solution

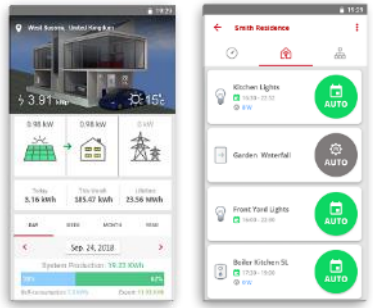
- A single solution for PV, storage, smart energy, and EV charging

Smart Energy Products

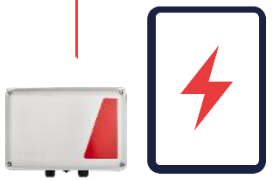


Power Optimisers

Inverters



Monitoring Platform



StorEdge


# EV Charger

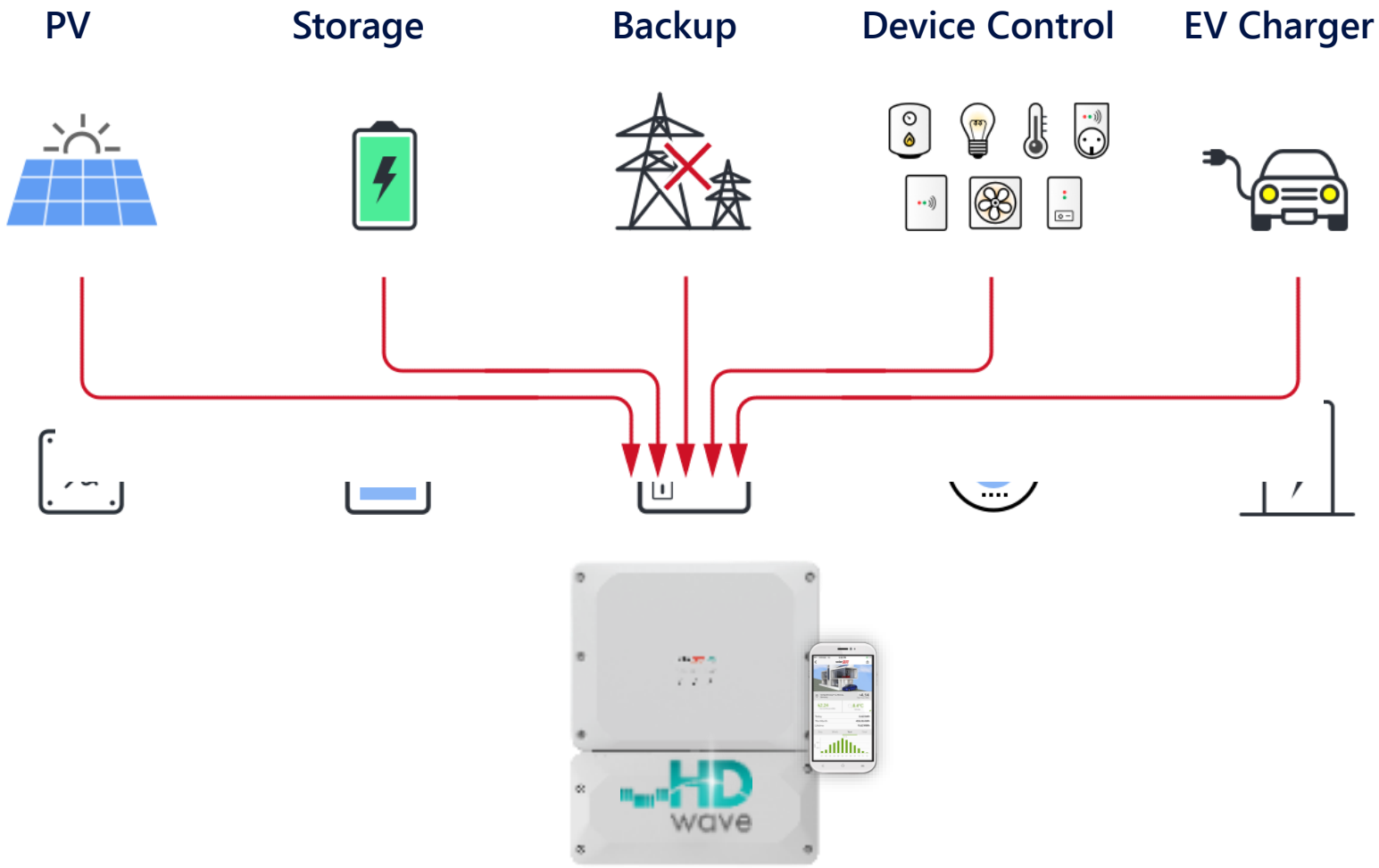
solaredge

# SolarEdge Battery

# The Future

# One Inverter for All Applications

- Combine energy management of all applications into one smart inverter
  - Simple design
  - Fast installation
  - Cost effective
  - Centralized energy management
  - Designed to work together; seamless and synchronized

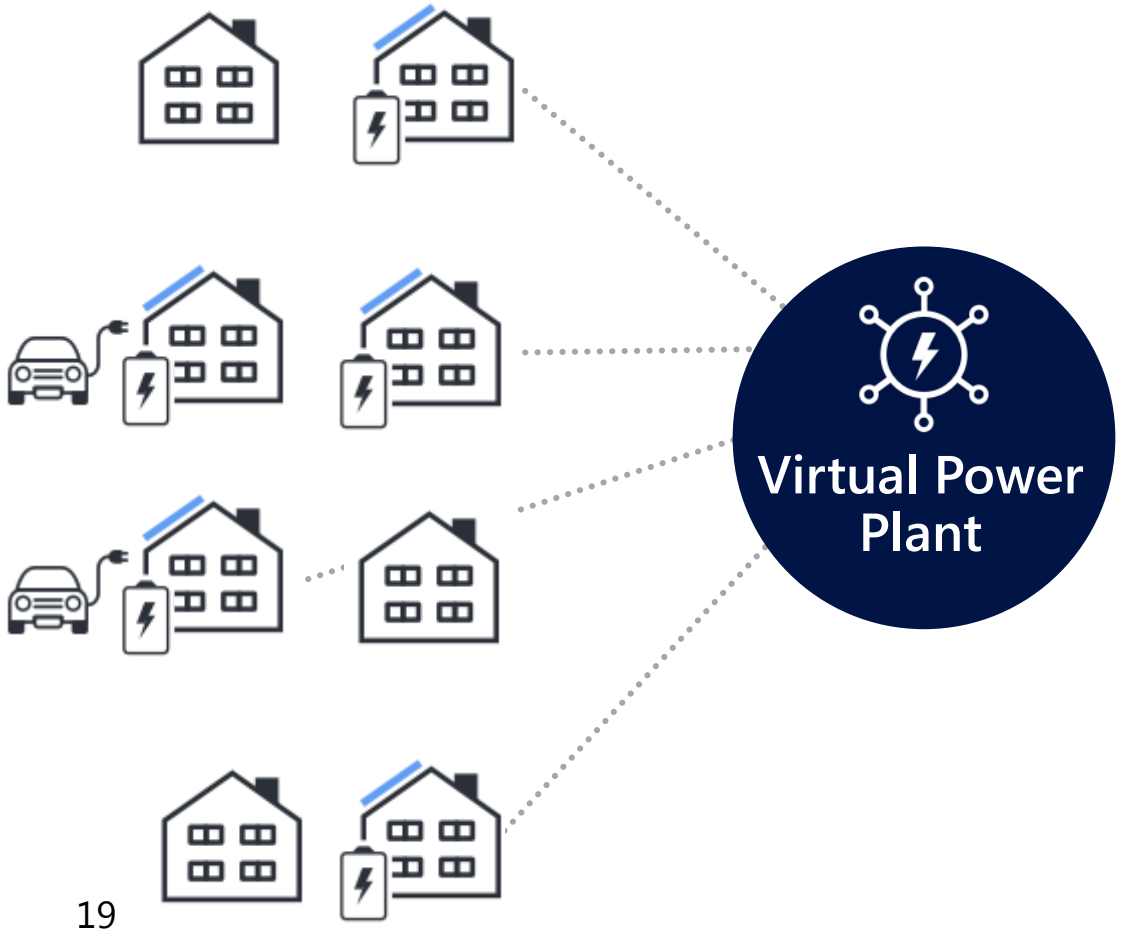





solaredge

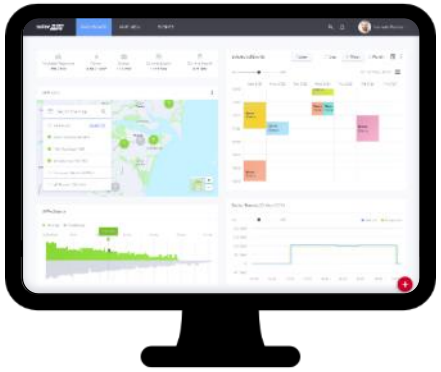
# Grid Services

- Pooling PV, storage, and EV in the cloud enables new grid services & revenue streams for all involved stakeholders



Virtual Power Plant

Aggregator Service



solaredge

Stakeholders

Households

Energy suppliers

DNOs

solaredge

# Disclaimer Regarding Forward Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward looking statements include information, among other things, concerning our possible or assumed future business strategies, technology developments, and new products and services.

Forward-looking statements are only predictions based on our current expectations and are inherently subject to risks and uncertainties. They should not be considered guarantees of future results, which could differ materially from the results set forth in, contemplated by, or underlying this presentation.

# Thank You!

## Cautionary Note Regarding Market Data & Industry Forecasts

This power point presentation contains market data and industry forecasts from certain third-party sources. This information is based on industry surveys and the preparer's expertise in the industry and there can be no assurance that any such market data is accurate or that any such industry forecasts will be achieved. Although we have not independently verified the accuracy of such market data and industry forecasts, we believe that the market data is reliable and that the industry forecasts are reasonable.



Version #: V.1.0