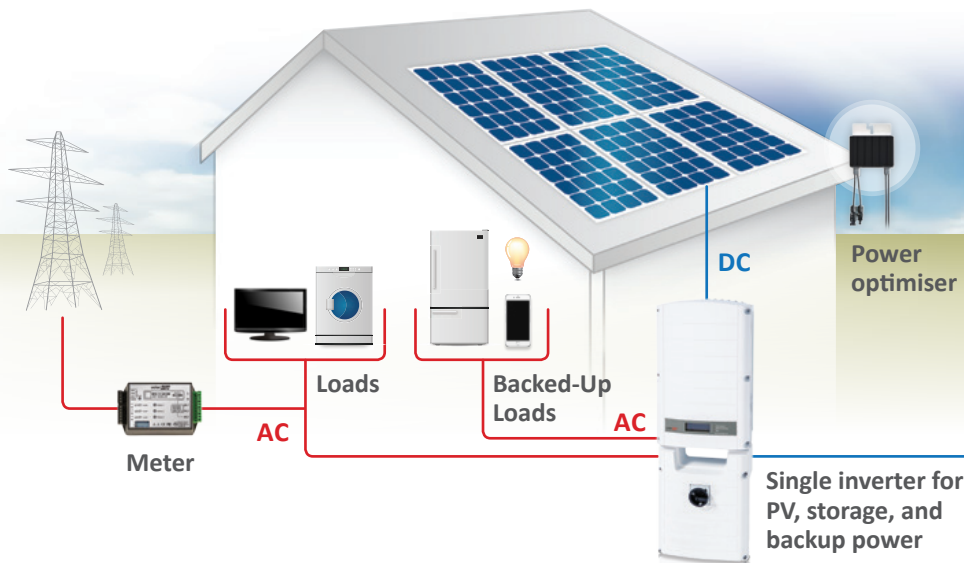


# Optimising for the Future

solar**edge**



## Install SolarEdge today:

Install a SolarEdge PV system today to reduce electricity bills and harvest clean energy.

## Upgrade to StorEdge™ later:

As the Australian market moves away from Feed-in Tariffs, installing StorEdge will increase self-consumption, further reduce electricity bills, and provide backup power when the grid is down. Unused PV power is stored in the battery and utilised when needed, rather than exported to the grid for little or no compensation.

## Maximise your investment with SolarEdge:

- Put **more panels** on the roof for maximum roof utilisation
- Get **maximum power out of each panel**. With SolarEdge the weakest panel does not affect other panels so does not lead to energy losses
- Monitor the **performance of each panel and of the battery** to maximise system uptime and self-consumption
- **Protect** assets and people through the safety mechanism which is designed to **shut down high DC voltage** during installation, maintenance and emergency situations



Monitor the battery status, PV production and self-consumption data on one dashboard

# Optimising for the Future

## Before - monitoring self-consumption:

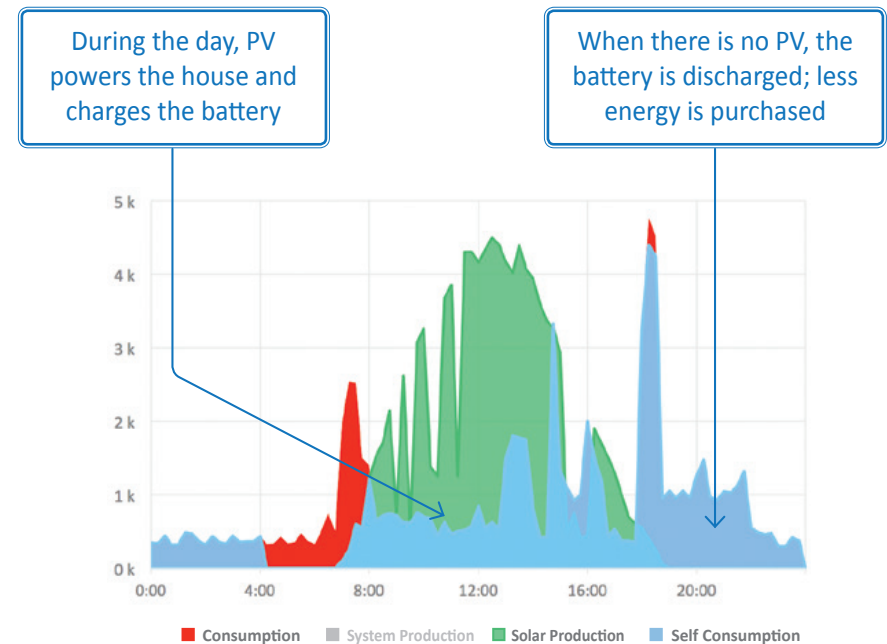
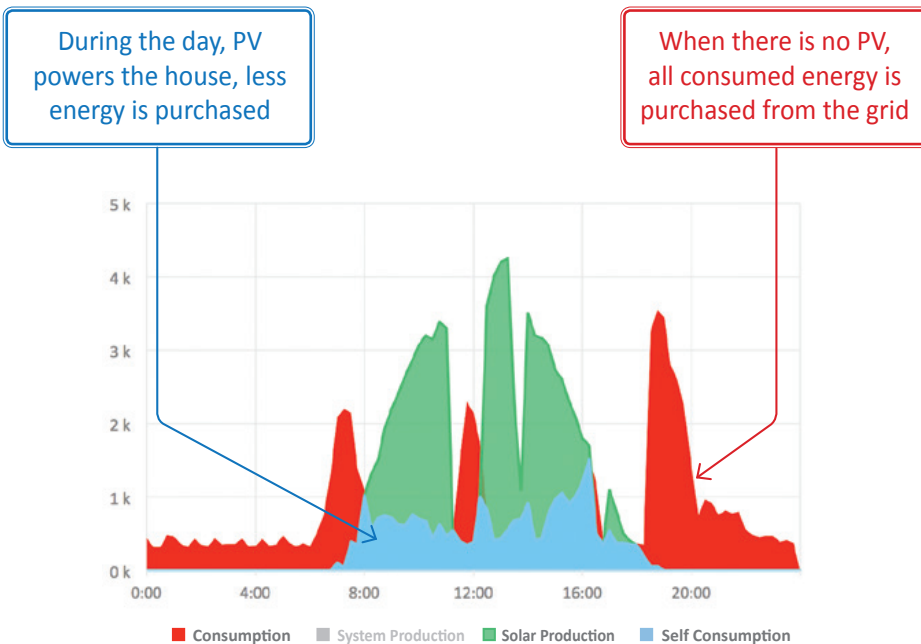
5kW System on April 8, 2015 (before battery installation)

Total produced energy	Total purchased energy	Total consumed energy	Self-consumption level
21.37 kWh	13.57 kWh	20.61 kWh	7.04kWh   33%

## After - increasing self-consumption:

5kW System on April 15, 2015 (after battery installation)

Total produced energy	Total purchased energy	Total consumed energy	Calculated self-consumption level
25.41 kWh	3.17 kWh	21.53 kWh	18.36kWh   72%



\*Based on a SolarEdge 5kW residential PV system



After installing StorEdge, PV self-consumption jumped from **33% to 72%**