



Are you looking for the smartest energy solution?

Evergen Intelligent Control optimises solar batteries to save homeowners an additional 24.6% off their electricity bills.

Evergen have partnered with the CSIRO, Australia's leading scientific agency to find answers to the big questions around optimising solar and battery storage for homeowners.

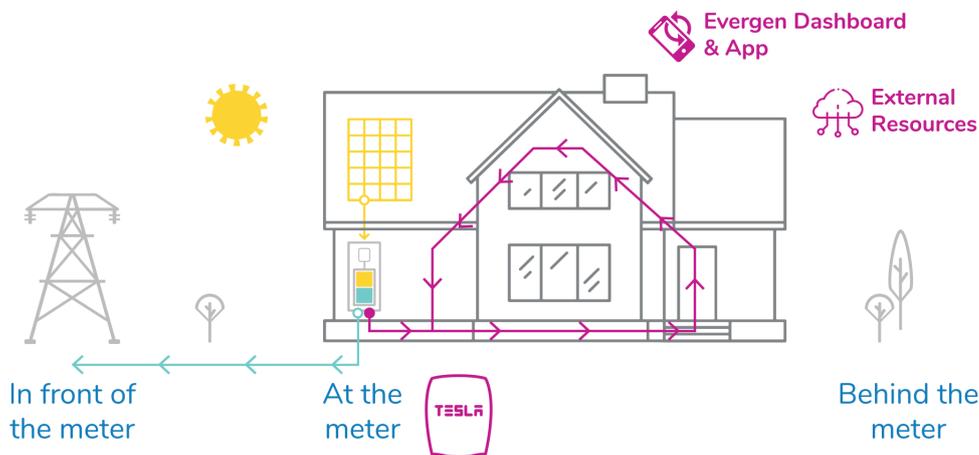
Technology developed by CSIRO



We designed Evergen Intelligent Control technology to do just that.

How Evergen's Intelligent Control works

It's simple. Your homeowners solar and battery system are connected to a cloud-based algorithm. This energy intelligence uses up-to-the minute data to make sure your homes system's performance is optimised every minute, every day.



By taking 42 separate factors into account such as the weather forecast, the electricity demand profile of the home, the tariff structure and battery characteristics (to name a few), our technology will provide homeowners with the maximum Return on Investment which will result in the quickest payback on their expenditure.

Homeowners will never need to worry that their system is not working



WEATHER FORECAST

Will it be sunny or cloudy here later today?
 What about tomorrow?
 Predicts future solar generation of the system for each home



TARIFF AWARENESS

How much will power from the grid cost them right now?
 Will the price go up or down later today?
 Determines when their stored power will deliver greatest savings to their energy bill



CONSUMPTION PREDICTION

What day is it?
 What power is the family likely to need this evening?
 Machine learning understands how they use power in their home for different days of the week



SYSTEM HEALTH

Monitors conditions and operates to extend life of battery



Evergen Intelligent Control features

Homeowner's intelligence data like how much you are saving and solar generation is available through the app with daily monitoring and rectifications by Evergen engineers.

1. Save even more from their solar generation
2. Store and resell excess energy generated by their solar panels
3. Use their solar energy even when the sun goes down
4. Keep the power on even during a blackout with backup power

Some of the batteries we integrate with

Evergen integrates with a wide range of batteries, here are some examples:



Tesla Powerwall 2
14kWh



Alpha ESS
5.7 kWh



Alpha ESS
10.1 kWh



Alpha ESS
11.4 kWh



Hive
2.9 kWh

