



Your Evergen Intelligence is backed by Australia's leading scientific agency

Evergen's packages are all controlled by CSIRO intelligent algorithms. We have worked with the CSIRO to find definitive answers to the big questions on solar power for the home and commercial environments.

How the CSIRO Intelligent Algorithms work?

Your solar-battery-grid system are connected to a cloud-based algorithm the CSIRO developed exclusively for us at Evergen. This energy intelligence uses up-to-the minute data to make sure your system's performance is always optimised every day.

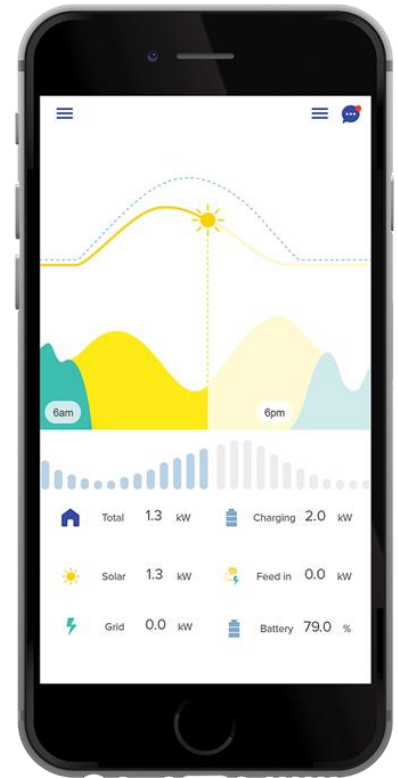
By taking 42 separate factors into account such as the weather forecast, the electricity demand profile of the premise, the tariff structure and battery characteristics (to name but a few), the technology is able to provide you with the maximum Return on Investment possible which results in the quickest payback on your capital expenditure.

Technology
developed by CSIRO



Intelligent Algorithm controls

- Your hardware deployed is selected, tested, and curated by Evergen & the CSIRO to ensure highest quality and lifetime performance
- The algorithms consider 42 data inputs per site and optimise for energy bill reductions, load predictions, and weather
- Our technology constantly recalibrates your system in response to data like weather forecasts and electricity tariffs and your electricity consumption
- Daily monitoring and rectifications by Evergen engineers and regular CSIRO upgrades
- Your personal intelligence data is available through the app and customer portal



In short, the CSIRO Intelligent Algorithms read 42 data feeds and make a decision every 5 minutes.



Weather Forecast

Will it be sunny or cloudy here later today?

What about tomorrow?

Predicts future solar generation of the system for each individual home

Tariff Awareness

How much will power from the grid cost you right now?

Will the price go up or down later today?

Determines when your stored power will deliver greatest savings to your energy bill

Consumption Prediction

What day is it?

What power is the family likely to need this evening?

Machine learning understands how you use power in your home for different days of the week

System Health

Monitors conditions and operates to extend life of battery

More information in our FAQs
[Click here](#)