

Welcome to
efergypro

Efergy Pro

Take control and manage your home energy like a Pro!

efergy®

ANDROID APP ON
Google play

Download on the
App Store



Real-time solar generation and energy consumption



Insight information & minute-level monitoring



History data (min, hour, day, week, month)



Compare the energy you've generated and imported



See how much electricity you import and export

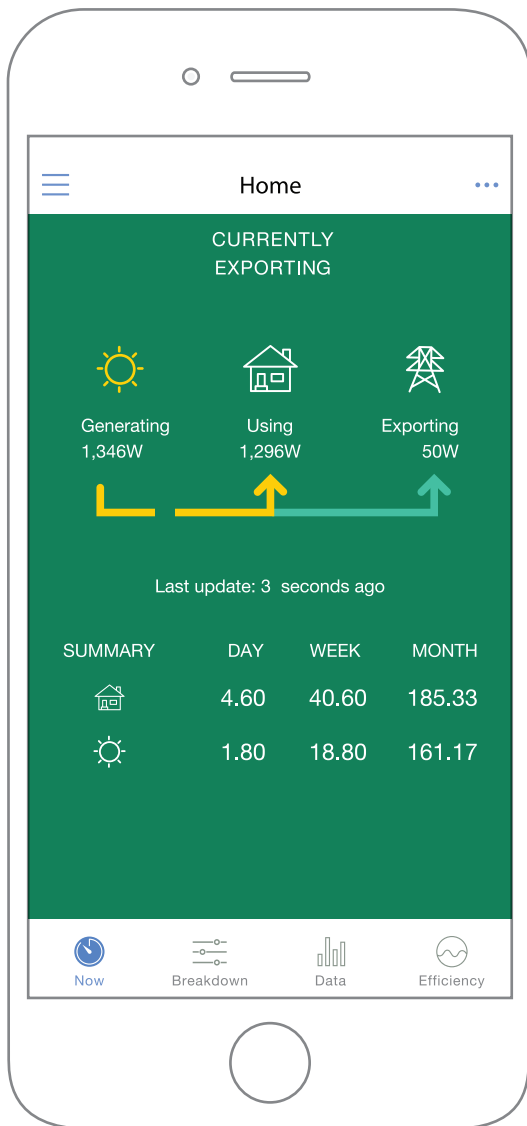


View the excess power being diverted to storage

Track your Solar Generation & Electricity Consumption

The Efeqy Pro is a whole home energy monitoring system that provides real-time data on solar generation, imports, exports and consumption of electricity simultaneously.

Get insights on your home energy use and solar generation via our iOS/Android app. The information is displayed in a friendly interface and includes the following features:

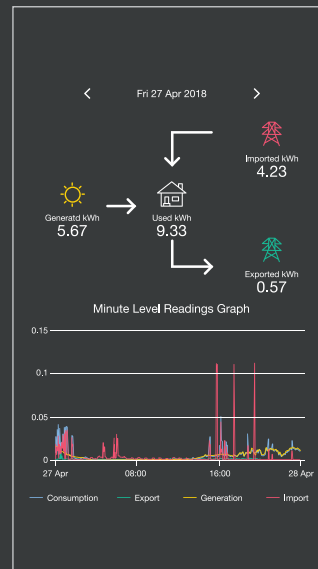


Now - Real-time energy

With the Efeqy Pro, you can track not only your solar panels' daily energy production, but your home electricity usage, energy imported and exported as well.

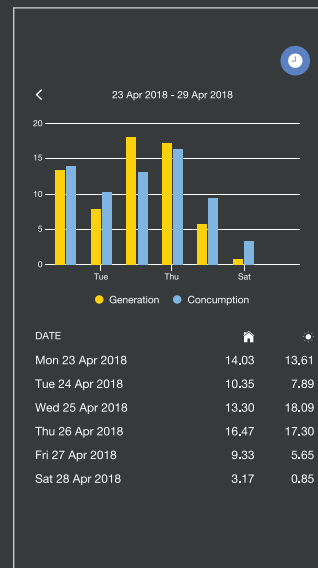
Breakdown

Insights about your energy use and minute-level monitoring are key to providing a comprehensive view of the electricity used within a set period of time.



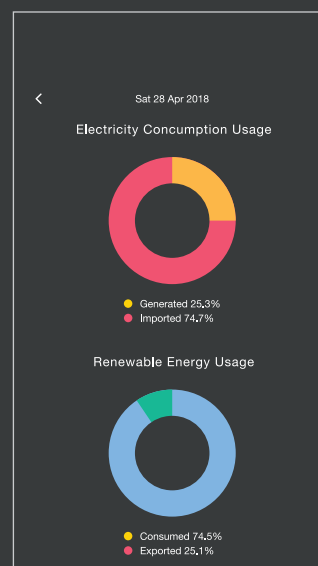
Data

Use the history data to track generation, consumption, performance and savings.



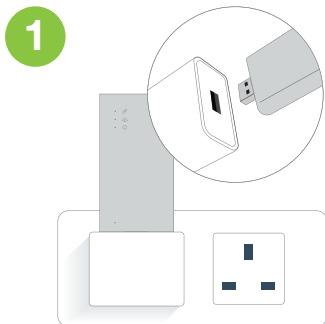
Efficiency

Accurately compare the energy you've generated and imported. You can also see your renewable energy usage comparing the energy you've consumed and exported.



Efergy Pro is simple to install and easy to use

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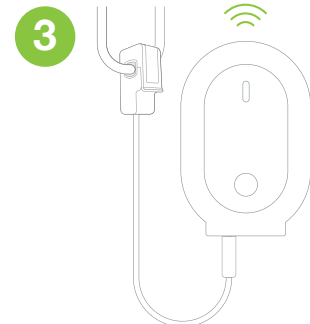
Power on the gateway

Plug your Gateway into a USB wall adapter, then plug the adapter into the wall. You can plug the Gateway into any USB power adapter.



Connect to WiFi

Download the Shine app, register and follow the on-screen steps to connect the Efergy Pro Gateway to your WiFi network.



Configure sensor(s) & transmitter

Tap the menu on the app and select the device you'd like to add. Follow the in-app instructions to perform the connection.

See how it works

Small sensor/s are clipped on to the supply cables in your breaker panel. A lead from the sensor is connected to the efergy transmitter. The transmitter sends real-time data wirelessly to the Gateway, which is connected to your home's WiFi network. The Gateway then sends real-time and historical energy use to the app.



Technical Specifications

Hardware

Dimensions: 80x40x14mm

Weight: 32g

USB: Power only connector (male)

LED indicators: Power, OT radio and Cloud

Reset: Pin hole reset button

Operating temperature: 0C - 35C

Power

Input: 5V DC via USB to computer or power adapter

Internal voltage: 3.3V

Peak current: 95mA

Average power: 0.2 watts

Radio (Open Things)

Frequency: 433/868/915MHz radio

Radio output: +20 dBm maximum

Radio (Wi-Fi)

Wi-Fi: 2.4GHz 802.11b/g/n

Radio output: +20dBm maximum

Security protocol: WPA/WPA2 station mode

Data

TLS 1.2

Secure over the Internet (OTI) software upgrades

Real time communication with Open things peripherals

Time synchronisation with network time (NTP)

Real time electricity and solar monitoring

Secure control to OT through AES and one time commands

Access to tariff engine for monetary or physical units

Offline monitoring and alerts