

EcoWatt™

Real-time Performance Monitoring



Track Your Solar Power System's Performance Anytime, anywhere

EcoWatt™ solar power monitoring

Solar power is a long-term investment and, like any investment, being able to track performance is crucial to ensuring a return. That's why Ingenero has developed EcoWatt™: a simple idea that lets you see the energy being produced by your solar power system on a dedicated website. EcoWatt™ is exclusive to Ingenero.

- Real-time data means you can track your solar power system's performance anytime, anywhere
- Monitor your return on investment without waiting for your next power bill
- Included with all standard systems above 3kW in size
- Optional extra for 1.5kW, 2.0kW and 2.5kW systems*
- Exclusive to Ingenero

Information is power

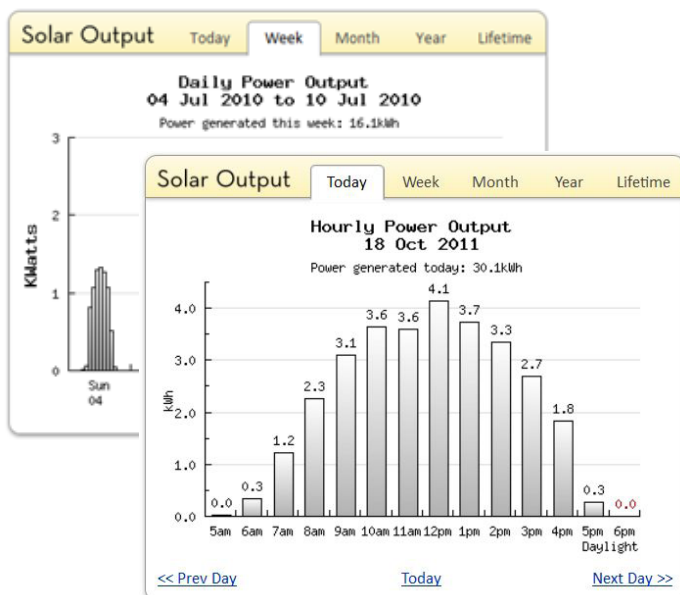
For too long people have been installing solar panels on their roofs with little thought about the performance of the system. EcoWatt™ delivers the knowledge that your solar power system is working and maximising your return on investment.

All you need is an internet connection. Log onto a dedicated website using your unique identifier and you will see your system's results, updated every five minutes. Check today's, this week's and this year's output or see how well your system has performed since installation.

"I know my panels are up there, but I often wonder what they are producing for me and, more importantly, how they are delivering against the financial investment I've made in the system. EcoWatt™ gives me the visibility necessary to make this assessment. Otherwise, how would I know?"

It enables me to monitor the energy production on a daily, weekly and accumulative basis. Even during overcast periods the 3kW system is generating more power than we use."

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Ingenero
simply renewable



How EcoWatt™ works

Your solar panels supply power to your inverter, which converts the direct current (DC) power produced by solar panels to alternating current (AC) used in your home and used by the electricity distribution network. The Ingenero EcoWatt™ solar monitoring system is wired to your inverter, collecting real time information on your inverter's power output.

Every five minutes the monitor uploads this data over the internet to Ingenero's website. Using your home computer, or any internet connection in the world, you log on through any web browser using your unique login code and you can view the current and historical performance of your solar power system.

EcoWatt™ exclusive to Ingenero

At Ingenero we believe that it is our obligation to ensure your system is consistently performing over its lifetime. EcoWatt™ ensures that our customers receive the best return for their investment, which is why we offer all our customers the option to have EcoWatt™ installed as part of our standard solar power packages*.

We combined with Ingenero's industry-leading 10 year warranty on all panels, components and workmanship, which is also offered as standard, EcoWatt™ is brilliant assurance for our brilliant solar solutions. What other company can match that!

* Ecowatt is included with systems above 3kW and is an optional extra for 1.5kW, 2.0kW and 2.5kW systems at a small charge.

Requirements

- SMA SunnyBoy inverter, or
- PowerOne Aurora inverter
- Home ADSL or Cable broadband internet connection with a free Ethernet port (10BaseT or 100BaseT)
- Available GPO mains power outlet



Specifications

Connectors:

- DB9 RS-485 Connection
- RJ-45 10/100BaseT Ethernet

Power:

- 12VDC operation, under 15W
- 110-240V AC Power Adapter

Dimensions:

- 10.2 x 8.8 x 2.8cm

Environmental:

- Humidity: 5% to 90%

Regulatory:

- FCC Part 15 A
- UL 1950
- CE (EN55022 A, EN55024, EN60950)
- TUV
- C-Tick
- RoHS Compliant

Memory:

- 32MB DDR RAM
- 16MB Embedded Flash