



Solo III PV

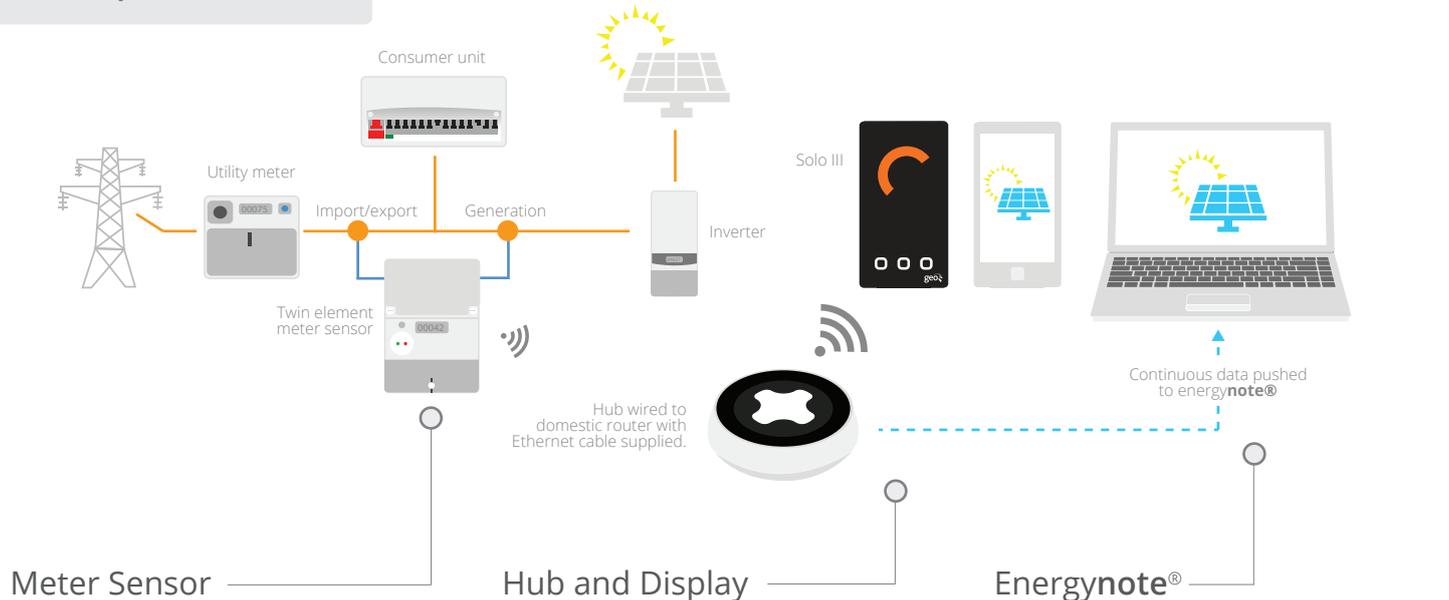
Import/Export professional monitoring solution



The **Solo III PV** is designed for installers looking for a hassle-free installation, reliable and meter accurate information and an engaging user interface for the customer. The Solo III picks up and displays

generation, usage, import and export information helping end users get the most out of their solar PV system. The system uses our **geo energynote®** online service and an optional in-home display.

Solo III System Architecture



Meter Sensor

MID approved meter sensor – twin element meter with communications module. Replaces the standard generation meter and sends data wirelessly to the **geo** Hub.

Hub and Display

The hub wirelessly sends information to the **geo** Display and connects to the domestic router using an Ethernet cable (provided). The optional **geo** Display shows live PV information encouraging users to be more efficient.

Energynote®

Secure online service showing user trends and analysis; generation, usage, import, export, temperature, earnings and savings for homeowners.



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GREEN ENERGY OPTIONS
Making energy engaging
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 Hardwick, Cambridge,
 CB23 7QS, UK



Solo III PV

Specification overview

Installer Features & Benefits:

- Works independently of the inverter
 - » Compatible no matter what inverter you specify
- No need for standard generation meter
 - » The **geo** MID approved twin element meter records generation, import and export – we then work out the usage
- No need to install fiddly and inaccurate sensors such as CT clips
 - » Only a single sensor to install which is the MID approved meter
 - » CT sensors can lead to site re-visits due to installation issues or customer concerns about accuracy
- Meter accurate information sent wirelessly to the **geo** Hub and Display
 - » No consumer confusion due to inaccurate information from the monitor
- Hub pushes all data continuously to **geo's** online service
 - » Consumer has live access from their smartphone, tablet or PC
- Optional colour import/export display
 - » Sell the optional Display for further revenue opportunities
- Wireless range boosted using 868MHz
 - » Greater range
 - » Very stable signal (fewer 'drop out' issues)
- Compatible with 1-20kW PV arrays
 - » Single phase only
- Full technical support offered for installers and their customers
 - » Installers do not need to return to site as **geo** customer support will identify problem first and resolve

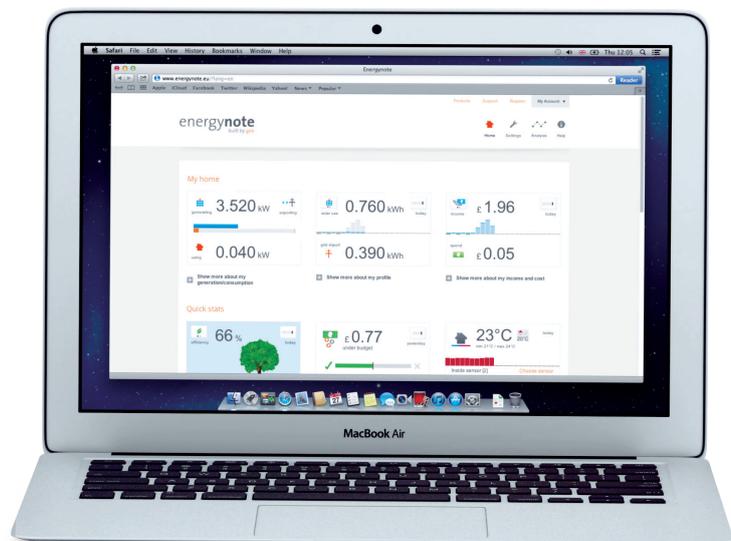
Consumer Features & Benefits:

- Engaging, colour display
 - » Uses graphics to show array performance
 - » Indicates when to switch on appliances (based on precise export levels) increasing customers' savings
 - » Shows when you are importing and when you are exporting
 - » Shows FIT earnings, savings by using your generated energy and deeming amounts
 - » Displays internal temperature with option to link another internal/external temperature sensor
- Meter accurate information sent wirelessly to the **geo** Hub and Display
 - » End user can take meter reading from the in-home display to submit for FIT reporting
 - » Consumer can monitor their electricity bills to ensure there is no over-charge from utility company because they have PV installed
- Simple, yet engaging online service: **energynote**[®]
 - » Live and historic information via smartphone, tablet, PC
 - » Trends and analysis
 - » Data download available

Optional:

- A GPRS enabled version is available allowing meter accurate performance data to be uploaded to a dashboard for review by installer or portfolio manager
- If required **geo** can provide the Solo III with just the meter and display

The Solo III can be sourced from leading UK solar PV distributors.



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