Chorus PV

for generation and consumption

The **Chorus PV** helps people use their generated electricity as efficiently as possible. It connects to the generation meter using an LED reader, and to the electricity supply using an LED reader and CT clip. These measure imported and exported electricity between the house and the grid. All data is then sent to the display, which shows – clearly and simply – all generation and consumption.

The **Chorus PV** is a premium in-home display for tracking microgeneration and consumption. It provides a flexible platform with colour touchscreen and intuitive graphical user-interface.

The **Chorus PV** encourages ultimate efficiency through the display and a unique online web service, energy**note**®, that draws in consumers by inspiring and educating.

The **Chorus PV** is easy to install and hassle free. It works with most generation meters and pulse output electricity meters (excluding where the electricity meter's LED pulse output flashes both on import and export) and the wireless sensors supplied mean that **no additional wiring is required**.

The use of LED sensors provide meter accurate data from the generation and electricity meter.

Features & benefits

- Understand **generation** and **consumption** of electricity relative to each other
- See generation/consumption & import/export of electricity
- At-a-glance analysis of earnings - feed-in tariff, deeming and saving
- Track generation against use to try to match the two
- Keep an eye on electricity spend against a budget
- Access to our web service energy**note**® for deeper analysis
- Remote access view of PV performance on a smartphone
- Add temperature sensors (up to three) to measure a second room, different floor or outside temperatures
- Wireless sensors – no need to run extra cabling

Images are for illustration purposes only.

Green Energy Options Ltd, 3 St. Mary's Court, Main Street, Hardwick, Cambridge CB23 7QS UK
T: +44 (0)1223 850210 E: info@greenenergyoptions.co.uk W: www.greenenergyoptions.co.uk

making energy engaging
in-home | mobile | online

Chorus PV

Technical specification

Display

Dimensions:	Approx. 150 x 80 x 25mm
Display type:	Full colour (64K) 4.3” WQVGA TFT, 80° viewing angle
Power consumption:	< 1 Watt (average)
Power supply:	Mains PSU, 230Vac nominal 50Hz for UK wall socket (international options available)
Radio:	868.3MHz
Battery:	3 x AAA NiMH rechargeable batteries
Battery cycle:	6 hours
Interface:	3 buttons and touch screen
Data storage:	18 months data at 15 minutes resolution
IP rating:	IP 40
Accessories:	Wall mounting bracket
Product life:	10 years
Operating range:	0 to +50 ˚C
Storage range:	-25 to +50˚C
Packaging:	White box, 2 colour printed
Optional:	Temperature sensors

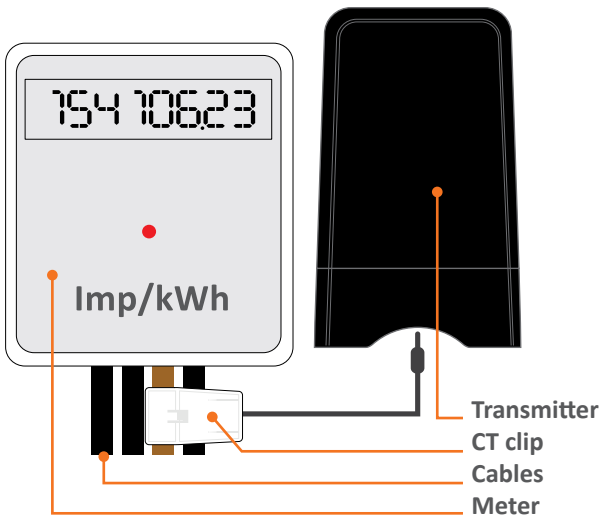
Transmitter with CT clip

1 x CT sensor:	0 -24kW @ 240Vac Senses power and consumption
Accuracy:	±5%, unity power factor
Radio:	868.3MHz wireless
Dimensions:	51mm x 30mm x 28mm
Battery:	3 x AA
Battery life:	> 2 years
Sensor:	CT clip
IP rating:	IP 40
Operating range:	-20°C to +70°C
Storage temperature:	-25°C to +70°C

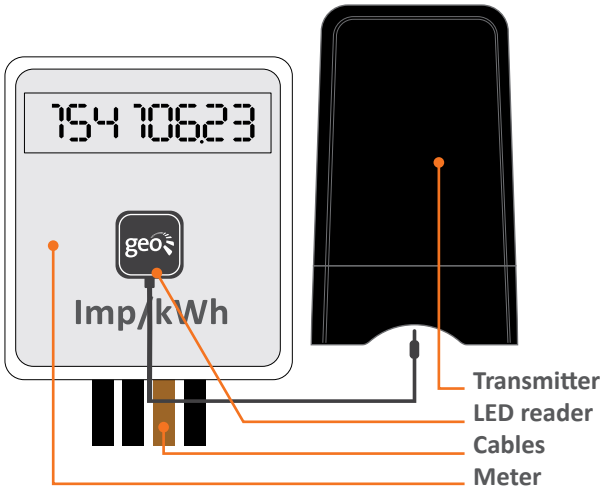
Transmitter with LED reader

2 x LED sensor:	100~10000 imp/kWh configurable, senses power and consumption
Radio:	868.3MHz
Accuracy:	Meter accurate
Dimensions:	25mm x 25mm x 10mm
Battery:	3 x AA
Battery life:	> 2 years
Sensor:	LED 100~10,000 imp/kWh optional P1 sensor
IP rating:	IP 40
Operating range:	-20°C to +70°C
Storage temperature:	-25°C to +70°C

CT clip with transmitter



LED reader with transmitter



All subject to change, print version 1.4-30042013

Approvals

- EN300328
- EN3000328
- EN60950
- Cat III max voltage 264 Vac
- BS1363
- CE

Green Energy Options Ltd, 3 St. Mary’s Court, Main Street, Hardwick, Cambridge CB23 7QS UK
T: +44 (0)1223 850210 **E:** info@greenenergyoptions.co.uk **W:** www.greenenergyoptions.co.uk

making energy engaging
in-home | mobile | online