



ewgeco housing

the complete home energy display device

- House builders gain 2 credits under CSH by installing Ewgeco
- Unique easy to understand, traffic light display prompts behaviour change
- The only 3 utility real time Energy Display Device
- Monitors renewable sources – including Solar PV, Solar Thermal and Air source
- Shows real-time consumption in cost, kilowatts & CO2
- System self-calibrates to your property size
- Individual Appliance monitoring lets you see how much any appliance is actual consuming
- Ewgeco's alarm function alerts you when you reach your chosen daily budget
- Independent product so no need to change energy supplier
- View historical consumption data via 'free' My Ewgeco web app
- Independent research has proven savings of 27% off combined bills

Fight fuel poverty and boost green initiatives by reducing energy consumption

Ewgeco is a simple, intuitive energy monitor for the home that helps users control their energy use and cut costs. It is the only 3 utility, real-time energy monitor on the market that can also monitor micro renewables.

Ewgeco displays energy consumption in your property using an easy to understand and intuitive traffic light display that can be understood by all ages, facilitating behaviour change across a range of tenants. This display actually self-calibrates to the size of your property, number of users, and number of appliances in use, therefore the green, amber and red bars shows the amount of energy being used at any given time related to your property. By showing you the actual cost it lets you see your energy consumption helping you to reduce your usage and carbon emissions.

Ewgeco collects consumption data directly from your electricity, gas and micro generation meters via wireless transmitters.

Creating a sense of community is important to any housing association and green initiatives can be a great way to engage tenants. Ewgeco offers social landlords an effective tool to bring about changes in their tenants' green behaviours as well as achieving significant energy cost savings. By equipping homes with a Ewgeco device, social landlords can access valuable data on energy consumption and also educate those householders to become more aware of their energy efficiency and how they can reduce their energy bills.

The device can also provide added reassurance acting as an early warning for gas and water leaks as well as alerting if an oven has been left on.

“ Just 1p an hour reduction on an energy bill saves £87 per year. ”

Display

Dimensions:	approx 124 x 24 x 100mm
Operating Temperature:	0-45°C, 85% humidity
Storage Temperature:	0-60°C, 85% humidity
Power Supply:	6V DC 850mA
Batteries:	NiMH rechargeable only
Radio Frequency:	RF 2.4 GHZ
Range:	400m in open space, approx 30m inside buildings
Power Consumption:	2W with backlight on, 0.5W with backlight off
Ingress Protection:	IP42
Radio:	2.4GHz Zigbee manufacturer specific profile
Materials:	PCABS V0
Window:	PC with scratch proof coating
Display:	Colour transfective backlit FFSTN LCD, approx 80 x 86mm active area
Manufacturing Life:	5 years
Warranty:	2 years

CT Current Sensor

Type:	Split- core ferrite current clamp, integral ballast resistor
Max Current:	120 Amp AC 50Hz
Connection:	1.5m cable, DC jack connector

Transmitter

Dimensions:	108 x 86 x 18mm
Power Supply:	5V DC 500mA
Battery Type:	3 x AA Alkaline cells
Battery Life:	12 - 18 months for single utility pulse monitoring
Transmission Interval:	2 seconds
Measurement Interval:	16 times per second
Ingress Protection:	IP52
Materials:	PCABS V0
Operating Temperature:	0 - 45°C, 85% humidity
Storage Temperature:	-20°C - 60°C, 85% humidity

Pulse meter connections

Compatible Meters Standard:	IEC-62053-31:1998
GB Meter Connection:	Pulse module with RJ12 connection
Electricity Meter Connection:	Volt free screw terminals
Water Meter Connection:	2-wire pulse cable prefitted to water meter pulse module

Approvals

- EN300 328
- EN61000-3-2
- EN61000-3-3
- RoHS
- EN55024
- EN60335-1
- CE
- WEEE

Housing products available from Ewgeco:



H300 EWG



H300 EEE



H300 ERG

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