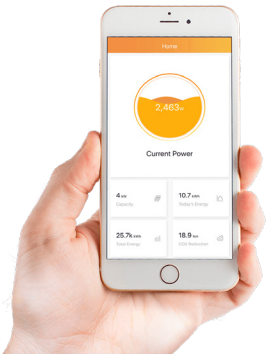


EZ1 Advantages



- ✓ ***One microinverter connects to 1 or 2 modules***
- ✓ ***Two input channels with independent MPPT***
- ✓ ***Integrated Safety Protection Relay***
- ✓ ***Built-in Wifi & Bluetooth Communication***
- ✓ ***Industry Leading 97.3% Efficiency***
- ✓ ***Maximum reliability, IP67***
- ✓ ***Free Monitoring Platform***
- ✓ ***Dedicated UK Support***
- ✓ ***12 year warranty***



What are the benefits of Microinverters?

Individual Panel Optimisation:
Microinverters optimise the output of each solar panel independently, ensuring maximum energy production even if one panel is shaded or dirty.

System Monitoring:
Real-time monitoring of each panel's performance.

Greater Design Flexibility:
Handles complex system designs, such as panels facing different directions.

Increased Safety:
Microinverters operate at low voltages and convert the panel's DC electricity to AC, ready to be used in the home.

Scalability:
It's easier to expand the solar system by adding more panels, as each new panel can have its own microinverter.

POWERFUL INNOVATIONS FOR DIY SOLAR

Plug and play, safer and smarter solar accessible to everyone

Plug-in solar systems (for example balcony solar systems) are becoming increasingly popular as a sustainable solution for energy production.

These systems usually consist of 2 to 4 solar panels installed on balconies, terraces, in gardens, etc, providing homeowners and tenants with an excellent power generation system reducing dependence on the power grid. One of the challenges of plug-in solar systems is that they require a reliable and efficient inverter to convert DC power into usable AC electricity that can be used in the home.

This is where the APsystems EZ1 microinverter series come in as the perfect solution for empowering Plug-in Solar systems.

Product features

FLEXIBLE

- Integrated Wi-Fi and Bluetooth

COMPACT

- Small & lightweight
- Adapts to various installations

RELIABLE

- Maximum reliability, IP67
- Up to 20 years warranty

SMART

- Dedicated APP Easypower, only 1 minute to connect the system
- Monitors each module's power generation

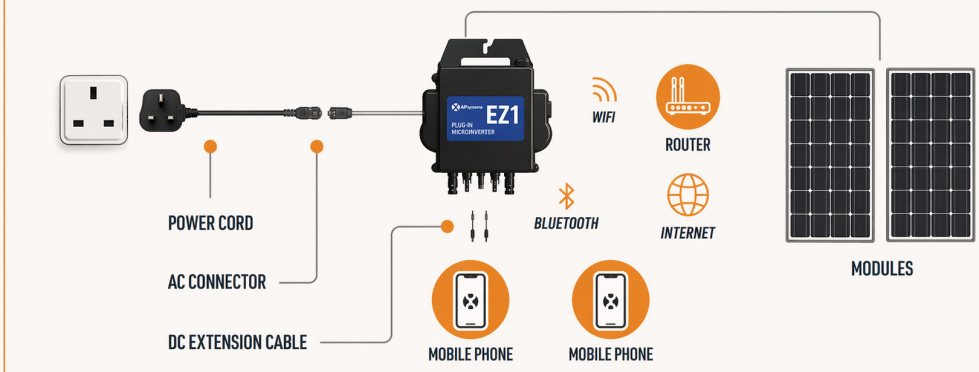
SAFE

- Single module parallel input structure, DC voltage less than 60V
- Built-in VDE relays

POWERFUL

- Two input channels with independent MPPT
- Industry-leading peak efficiency of 97.3%

Wiring diagram





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Plug In Solar Ltd | The Buttery | Springfield Farm | Lewes Road | Scaynes Hill | West Sussex | RH17 7NG

Why Choose APsystems?

APsystems is a **global leader** in the manufacturing of **high-quality, reliable, and safe Micro-Inverters.** With over **15 years of experience**, their innovative technology ensures peak performance and longevity, giving your customers the best return on investment.

Why Choose Plug In Solar Ltd?

Plug In Solar Ltd has been **operating for 15 years in the Solar Industry**. We have been at the forefront of DIY Solar Power Kits during this time and are experts in the technology, **helping our customers turn sunshine into savings**.

You can see reviews about our business and service here: Google Reviews | Plug In Solar Ltd

Plug In Solar EZ1 System Components



Solar Panel: Perlight 500W

All-Black PLM-500DH8N-120 SERIES. N-type, TOPCon, Bifacial Solar Panels with market leading efficiency.



APSystems EZ1 Microinverter

The heart of the system, providing reliable power conversion from DC to AC for each connected solar panel, ensuring maximum energy production and efficiency.



UK Power Cord - 4M

Connects the Micro-Inverter to the wall socket.



DC Extension Cable (MC4) - 2M

Pre-made MC4 extension cables to connect the Solar Panels to the Micro-Inverter



Y Unlock Tool

Unlocks the Micro-Inverter from the power cord.



DIY Panel Mounting Kit

Versatile mount for wall, floor or balcony