



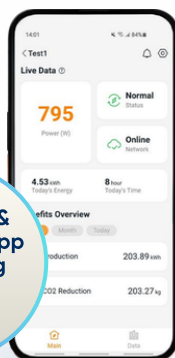
Plug-In Solar Pro



10-Year
British Panel
Warranty

Duo 890W

With WiFi &
Bluetooth App
Monitoring



Bifacial glass-glass modules

Complete
Plug & Play
package

800W Smart
Microinverter
included

Plug In, Start Saving Instantly

2x 445W Panel

800W Inverter

1 Unbox



Carefully unbox your new panel. CAUTION: Heavy contents. Please take care when lifting.

2 Set Up



Position the solar panels in a south-facing location and ensure the system is stable and secure.

3 Plug In



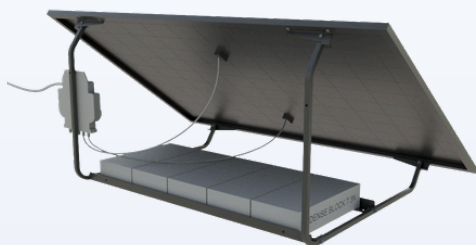
Plug into a standard socket and start generating clean energy instantly.

4 Connect



Download the app and connect your microinverter for live performance updates of your plug-in solar kit.

REAR VIEW



Everything
comes in
the box!



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UKS-PRO-D-2-890-MZ1-UKG

UKSOL Plug-In Pro 890W Pro Duo (All Black)

2 x

445W

Panel

1 x

800W

Inverter

PRODUCT FEATURES



x2 445W High-Efficiency Panels



TOPCon N-Type Cell Technology



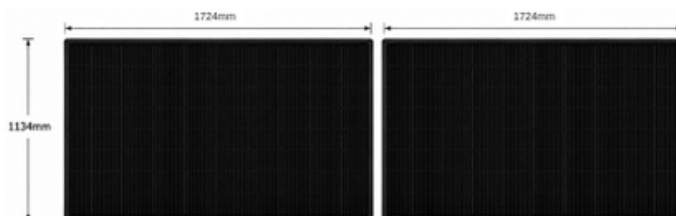
WiFi & Bluetooth Monitoring Capability



Anti-island protection



IP67 Waterproof Inverter



PANEL SPECIFICATIONS (445W TOPCon N-Type Panel x2)

Peak Power P _{Max}	445W per panel (890W total kit capacity)
Module Efficiency (%)	22.3%
Cell Type	TOPCon N-Type Monocrystalline
Cell Configuration	108 cells per panel / 216 total per kit
Dimensions	1724 x 1134 x 30mm (per panel)
Weight	25.5kg per panel
AC cable length	
Frame	30mm anodized aluminium alloy
Front Glass	2.0mm high transmission AR Coated Heat Strengthened Glass
Back Glass	2.0mm Heat Strengthened Glass (White Grid Glass)
Junction Box	IP68 Rated
Maximum System Voltage	1500V DC
Maximum Fuse Rating	35A

Electrical values measured at STC: irradiance 1000 W/m², module temperature 25°C, AM 1.5.

ELECTRICAL PERFORMANCE (STC)

Voltage at P _{max} (V _{mp})	33.0
Current at P _{max} (I _{mp})	13.49
Open Circuit Voltage (V _{oc})	39.5
Short Circuit Current (I _{sc})	14.01
Power Tolerance	0~+5W
Bifaciality	up to 80%
Operating Temperature	-40c to +85c
Fire Rating	Class C



NOT SUITABLE FOR
USE ON BALCONIES



SCAN FOR
INSTALLATION
MANUAL, WARRANTY
& CERTIFICATION
DOCUMENTS



KEY STANDARDS AND COMPLIANCE

Conforms to:

BS EN 50549-1 EN 755-1:2016
BS EN 62109-1 EN 755-2:2016
BS EN 62109-2

ADDITIONAL STANDARDS

- Low Voltage Directive (2014/35/EU)
- EMC Directive (2014/30/EU)
- RoHS Directive (2011/65/EU)
- WEEE Directive (2012/19/EU)

*The microinverter is to be mounted to the mounting stand leg as shown in instructions.

MICROINVERTER SPECS (800W smart microinverter)

Maximum Continuous Output	799VA
MPPT Channels	2 Independent MPPTs
Recommended Module Range	300W - 730W
Peak Efficiency	96.7%
Communication	Built-in WiFi & Bluetooth
Protection Rating	IP67
AC Output Voltage	230V
AC Output Frequency	50Hz
Maximum Output Current	3.5A
Operating Temperature	-40c to +65c
Monitoring	Smartphone Monitoring App
Warranty	10 Year British Warranty

Escalation Procedure

If an issue cannot be resolved through standard troubleshooting, or if there is a safety, electrical, warranty or compliance concern, stop using the product and contact UKSOL. The issue will be escalated to the appropriate technical or management team for review.

Customer Care Enquiries:

care@uksol.uk
01753 910327

Specifications, features and product appearance may change without notice. Performance varies depending on location, season, weather, shading, installation angle and orientation. Panels should face south where possible for best output and ideally at a 35 degree pitch angle from the sun. Avoid shading wherever possible for maximum output. This kit is designed for connection to a suitable outdoor socket installed and certified by a qualified electrician. Installation must follow the supplied manual, local electrical regulations and all safety guidance. Do not use damaged cables, plugs or connectors. UKSOL accepts no liability for incorrect installation, misuse, unauthorised modification or failure to follow installation instructions. Please note this product cannot be returned without its original packaging. Warranty terms and conditions apply.