



Plug-In Solar Pro



10-Year
British
Warranty

Simple Plug &
Play Setup

Duo 890W

With WiFi &
Bluetooth App
Monitoring



Complete
Plug & Play
package



Plug In, Start Saving Instantly

2x 445W Panels

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

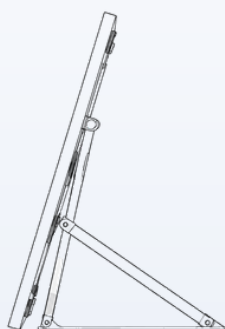


Plug into a standard socket and start generating clean energy instantly.

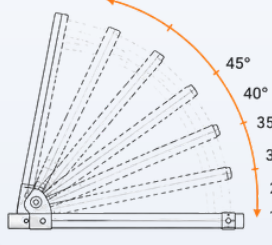
4 Connect



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



ADJUSTABLE TILT ANGLE
15° to 45°



800W Smart
Microinverter
included



+44 (0)1753 910327 | plug@uksol.uk | www.uksol.uk

UKSOL Ltd, Building 1, Chalfont Park, Gerrards Cross, SL9 0BG

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UKS-PRO-D-2-890-MZ1

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



Integrated RCD-Protected AC Connection



IP67 Waterproof Inverter



Battery Storage Compatible

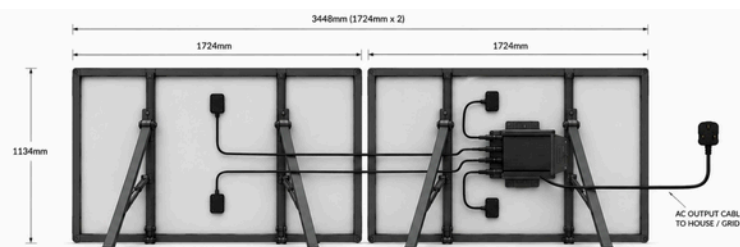
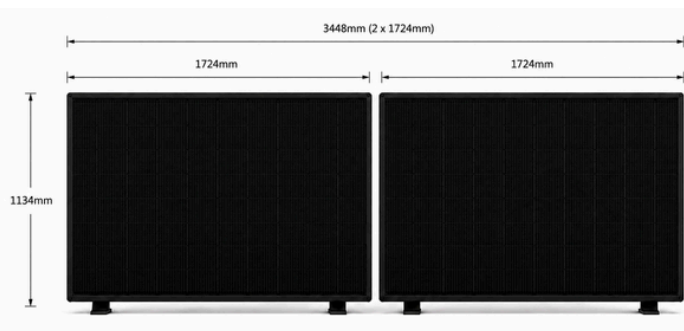
PANEL SPECIFICATIONS (445W TOPCon N-Type Panel x2)

Peak Power P _{Max}	890W
Module Efficiency (%)	22.8%
Cell Type	TOPCon N-Type Monocrystalline
Cell Configuration	108 cells per panel / 216 total per kit
Dimensions	3448mm (1724 x2) x 1134 x 30mm
Weight	25.1kg per panel / 50.2kg panels only
Frame	30mm anodized aluminium alloy
Front Glass	2.0mm tempered glass
Back Glass	2.0mm semi-tempered glass
Junction Box	IP68 Rated
Maximum System Voltage	1500V DC
Maximum Fuse Rating	25A

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})	33.1
Current at P _{max} (I _{mp})	13.44
Open Circuit Voltage (V _{oc})	39.7
Short Circuit Current (I _{sc})	14.27
Power Tolerance	0~+5W
Bifaciality	up to 80%
Operating Temperature	-40c to +85c
Fire Rating	Class C



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



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 (2011/35/EU)
- WEEE Directive (2012/19/EU)

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. Warranty terms and conditions apply.

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