UKSOL

Plug-In Solar Pro™

10-Year British Panel Warranty

Simple Plug & Play Setup

Duo 890W





Bifacial glass-glass module

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

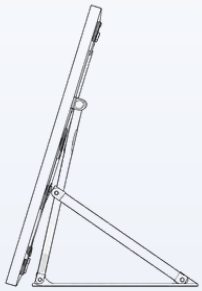


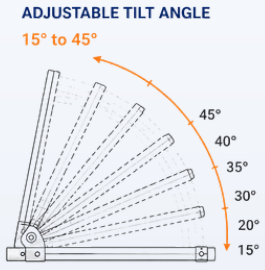
Plug into a standard socket and start generating clean energy instantly.

4 Connect



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









MCS CERTIFIED · PV CYCLE · TÜV SÜD · COMMITTED ecovadis Sustainability Rating · SOLAR STEWARDSHIP INITIATIVE MEMBER · SMETA Sedex Members Ethical Trade Audit

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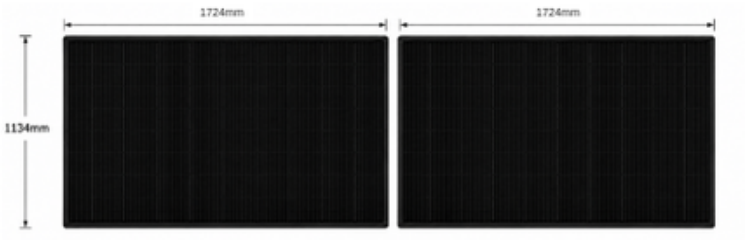
UKSOL Plug-In Pro
890W Pro Duo (All Black)

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 PMax	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	4 metres
DC Extension Cable Length	2 metres
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.

*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

MISCELLANEOUS

Box dimensions	1750 x 1165 x 240mm
Box weight	74.5kg
Recommended installation area	approx. 3.7 m × 1.2 m (4.4 m²)

ELECTRICAL PERFORMANCE (STC)

Voltage at Pmax (Vmp)	33.0
Current at Pmax (Imp)	13.49
Open Circuit Voltage (Voc)	39.5
Short Circuit Current (Isc)	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

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

SCAN FOR INSTALLATION MANUAL, WARRANTY & CERTIFICATION DOCUMENTS

KEY STANDARDS AND COMPLIANCE

Conforms to:

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

ADDITIONAL STANDARDS

- Low Voltage Directive (2014/35/EU)
- EMC Directive (2014/30/EU)
- RoHS Directive (2011/65/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. Please note this product cannot be returned without its original packaging. Warranty terms and conditions apply.

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