



UKSOL

Plug-In Solar Pro

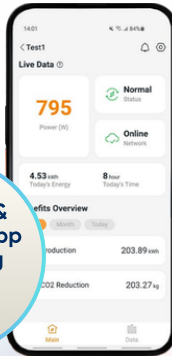


10-Year
British Panel
Warranty

Simple Plug &
Play Setup

Duo 890W

With WiFi &
Bluetooth App
Monitoring



Bifacial glass-
glass module

Complete
Plug & Play
package



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

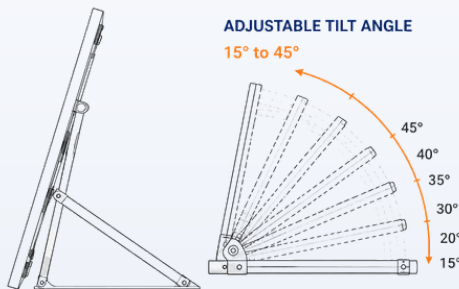


Plug into a standard
socket and start
generating clean
energy instantly.

4 Connect



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



800W Smart
Microinverter
included



Everything
comes in
the box!



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UKS-PRO-D-2-890-MZ1

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

2 x

445W

Panel

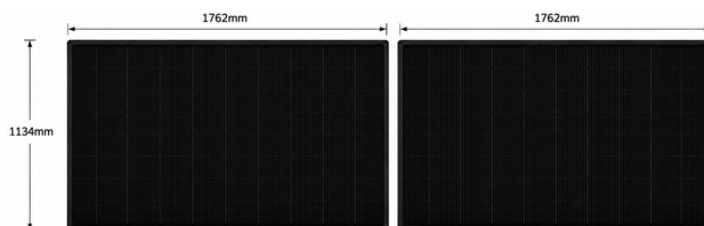
1 x

800W

Inverter

PRODUCT FEATURES

 x2 445W High-Efficiency Panels	 TOPCon N-Type Cell Technology
 WiFi & Bluetooth Monitoring Capability	 Anti-island protection
 IP67 Waterproof Inverter	 Battery Storage Compatible



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	1762 x 1134 x 30mm (per panel)
Weight	25.5kg per panel
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)

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.