



UKSOL

Plug-In Solar Pro



TM



10-Year
British Panel
Warranty

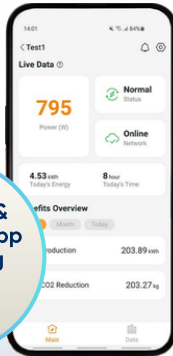
Complete
Plug & Play
package

800W Smart
Microinverter
included

Compact 460W

Bifacial glass-glass module

With WiFi &
Bluetooth App
Monitoring



Plug In, Start Saving Instantly

1x 460W 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



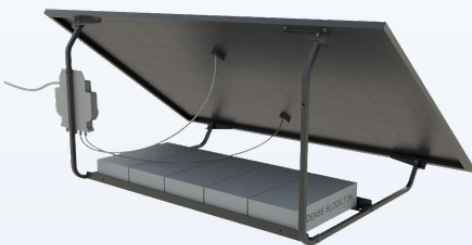
Plug into a standard socket and start generating clean energy instantly.

4 Connect



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

REAR VIEW



*BALLAST NOT INCLUDED. IMAGE IS FOR ILLUSTRATIVE PURPOSES ONLY.



Everything
comes in
the box!



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UKS-PRO-C-1-460-MZ1-UKG

UKSOL Plug-In Pro 460W Pro Compact (All Black)

1 x

460W

Panel

1 x

800W

Inverter

PRODUCT FEATURES



460W High-Efficiency N-Type Panel



TOPCon N-Type Cell Technology



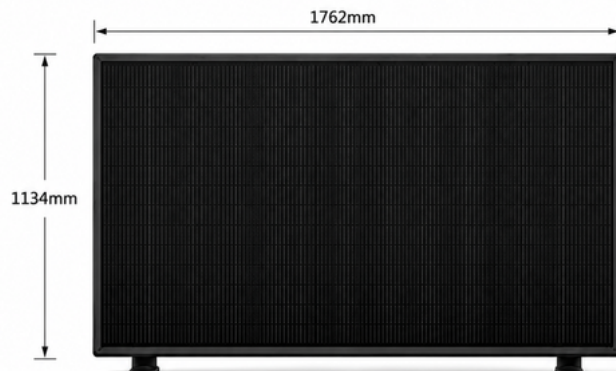
WiFi & Bluetooth Monitoring Capability



Anti-island protection



IP67 Waterproof Inverter



PANEL SPECIFICATIONS (460W TOPCon N-Type Panel)

Peak Power P _{Max}	460W
Module Efficiency (%)	23.0%
Cell Type	TOPCon N-Type Monocrystalline Silicon
Cell Configuration	96 cells
Dimensions	1762 x 1134 x 30mm
Weight	25.5kg
AC Cable length	4 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.

ELECTRICAL PERFORMANCE (STC)

Voltage at P _{max} (V _{mp})	30.1
Current at P _{max} (I _{mp})	15.28
Open Circuit Voltage (V _{oc})	36.0
Short Circuit Current (I _{sc})	16.32
Power Tolerance	0~+5W
Bifaciality	up to 80%
Operating Temperature	-40c to +85c
Fire Rating	Class C



NOT SUITABLE FOR
USE ON BALCONIES

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

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)



UK
CA

CE



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.