



UKSOL

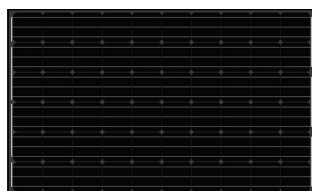


30 YEAR BRITISH WARRANTY

A BRITISH BRAND OF HIGH QUALITY SOLAR MODULES

UKSOL solar PV modules are always produced with the latest high quality grade A solar cells to deliver the maximum return on your investment. Every UKSOL solar module comes with a British 12 year product warranty and a 30 year performance warranty. Technical and warranty support is provided by our dedicated customer care team based near London.

MODEL UKSOL UKS-6M30 300w BLACK MONO MODULE



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

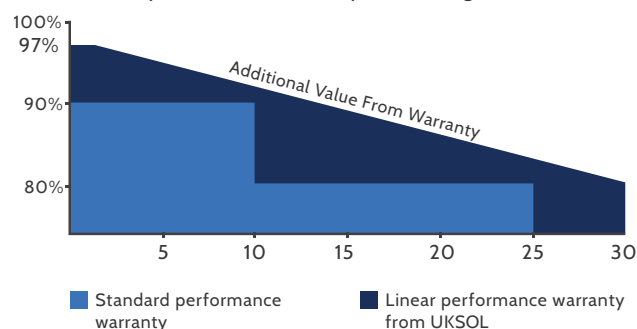
- High module conversion efficiency up to 19.1%
- Low degradation and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- Positive power tolerance of 0 ~ +3 %.
High ammonia and salt mist resistance.
- PID Free. Fire tested. Risk free procurement and support from the UK.
- Fully automated production | Special AR gloss coating 4 or 5 bus bars for best performance

QUALITY CERTIFICATES

- TUV Sud tested IEC61215 ed1, IEC61730ed 2, IEC62716, IEC61701, TUV Sud tested. FIDE Mexico approved. Chile approved. Retie (Colombia). Special PI-Institut Berlin test report SONCAP certificate for Nigeria. InMetro for Brazil Intertek testing for Kenya, Nigeria and Mali
- ISO9001:2008: Quality management system
ISO14001:2004: Environmental management system
OHSAS18001:2007: Occupational health and safety management system. Fire safety class C (according to UL790) Safety class II. Maximum system voltage 1500v DC

BRITISH WARRANTIES

- 12 year product warranty.
- Limited power warranty: 12 years 91.2% of the nominal power output, 30 years 80.6% of the nominal power output.



LOW RISK BRITISH
PROCUREMENT



BRITISH TECHNICAL
SUPPORT



ALWAYS GRADE
"A" CELLS



BRITISH QUALITY
STANDARDS



ELECTRICAL CHARACTERISTICS AT STC

Nominal Power (Pmax)	300W	305W	310W
Open Circuit Voltage (Voc)	40.24V	40.55V	40.81V
Short Circuit Current (Isc)	9.61A	9.70A	9.81A
Voltage at Nominal Power (Vmp)	32.54V	32.76V	32.91V
Current at Nominal Power (Imp)	9.22A	9.31A	9.42A
Module Efficiency (%)	18.4	18.7	19.1
Operating Temperature	-40°C to +85°C		
Maximum System Voltage	1000V DC		
Fire Resistance Rating	Type 1 (UL 1703)/Class C (IEC61730)		
Maximum Series Fuse Rating	15A		
STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5			

ELECTRICAL CHARACTERISTICS AT NOCT

Nominal Power (Pmax)	227.07W	230.85W	234.64W
Open Circuit Voltage (Voc)	36.5V	37.03V	37.27V
Short Circuit Current (Isc)	8.18A	8.25A	8.35A
Voltage at Nominal Power (Vmp)	29.15V	29.35V	29.48V
Current at Nominal Power (Imp)	7.79A	7.87A	7.96A
NOCT: Irradiance 800W/m ² , Ambient Temperature 20°C, Wind Speed 1 m/s			

MECHANICAL CHARACTERISTICS

Cell Type	Mono PERC 156x156mm (6x6 inches)
Number of Cells	60 (6x10)
Module Dimensions	1640x992x40mm
Weight	18.5kg
Front Cover	3.2mm tempered glass with AR coating
Frame	Anodized aluminium alloy
Junction Box	IP67, 3 diodes
Cable	4mm ² (0.006 inches ²), 900mm (35.43 inches)
Connector	MC4 or MC4 Compatible

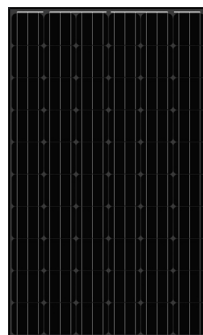
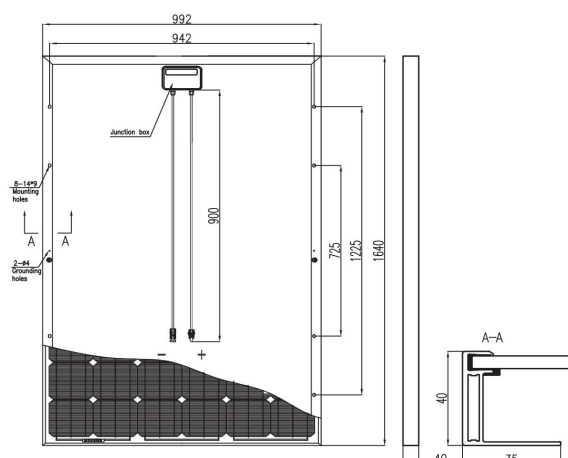
TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient Of Pmax	-0.445% / °C
Temperature Coefficient Of Voc	-0.334% / °C
Temperature Coefficient Of Isc	0.05% / °C

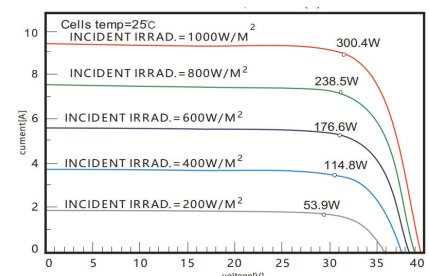
PACKAGING

Standard Packaging	30 pcs / Pallet
Module Quantity per 20' Container	312 pcs
Module Quantity per 40' Container	784 pcs

ENGINEERING DRAWINGS



IV CURVES



Specifications in this datasheet are subject to change without prior notice.

Also available with silver frame and back sheet

+44 (0)1753 910327 | info@uksol.uk | www.uksol.uk | WhatsApp: +44 (0)7949 489911

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