



## 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.

## UKS - 6M30 - 60 to 300W

BLACK CELL INTERCONNECTIONS | BLACK BUSBAR | BLACK FRAME

### QUALITY

- IP67 + 1 M CABLE
- HIGH TRANSMISSIVITY GLASS AND HIGH RESISTANCE
- FRAME WITH HIGHER MECHANICAL STRENGTH AND AIR CHAMBER
- FRIENDLY ENVIRONMENT & RECYCLABLE MATERIALS
- ELECTROLUMINESCENCE TEST

### CERTIFICATES

- IEC 61215:2005
- IEC 61730-1:2004 / IEC 61730-2:2004
- FRONTAL LOAD (SNOW) 5.400 PA
- BACK LOAD (WIND) 2.400 PA
- FIRE RESISTANCE CERTIFICATE
- CLASS I (UNDER STANDARD UNI 9177)
- EE016-20130528-001 (FRANCE)
- WEEE COMPLIANCE IN GERMANY
- ETL LISTED MARK (USA-CANADA)
- VKF-AEAI COMPLIANCE (SWITZERLAND)
- MCS (UK)



**12Ys**  
PRODUCT  
WARRANTY

**30Ys**  
PERFORMANCE  
WARRANTY



**\* TOTAL BLACK**  
MONOCRYSTALLINE - 300 W



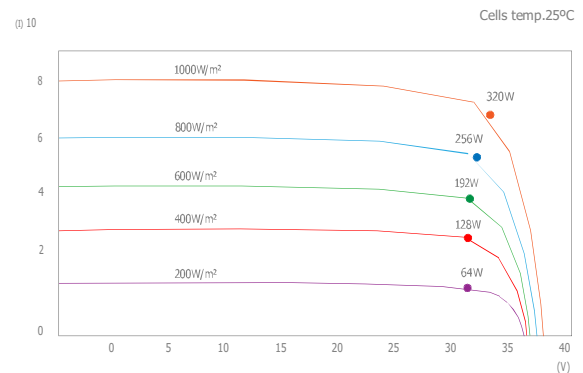
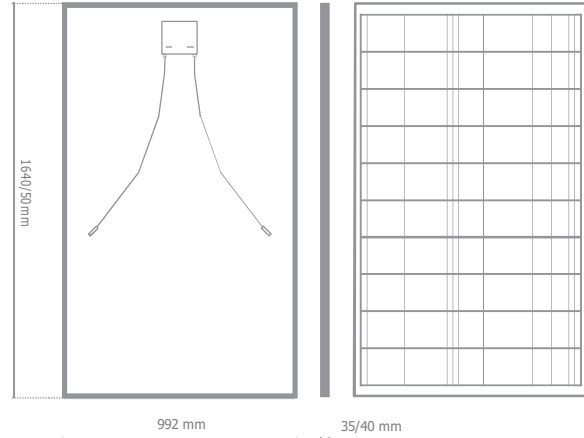
**UK SOL**



**30 YEAR  
BRITISH  
WARRANTY**

## TECHNICAL FEATURES

FRAME
Black anodized aluminium 0,015 mm
Robust and resistant to corrosion
Built-in plug
CONNECTION BOX
Sealed, robust and wide for heat dissipation
IP67 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1 meter length and 4mm <sup>2</sup> section
Reaction to Fire Class I (conformity to UNI 9177 norm)
FRONTAL
3,2 mm tempered glass
Textured, extra-clear with low iron content
SOLAR CELLS
60 cells monocrystalline silicon / 156x156 mm
WEIGHT, DIMENSIONS AND PACKAGING (L x W) +/-1% mm
19 Kg   1640/50 x 992 x 35/40 mm



## ELECTRIC DATA

Standard - All Black	UKS 300
Nominal power, P <sub>mpp</sub>	300 W
Tolerance, P <sub>mpp</sub>	0 / +3%
Area of the module	1,62
Module efficiency	18,52%
I <sub>sc</sub>	9,89 A
U <sub>oc</sub>	39,75 V
I <sub>mpp</sub>	9,37 A
U <sub>mpp</sub>	32,02 V
Maximum voltage	1000 V
$\alpha \alpha$ I <sub>sc</sub>	0,05% / °C
$\beta \beta$ U <sub>oc</sub>	- 0,29% / °C
g P <sub>max</sub>	- 0,39% / °C
Temperature range	- 40°C to +85°C
NOCT	44°C ± 2°C



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