



UKSOL



ALL BLACK - TIGO OPTIMISED

375 W-OPT

HALF CUT MONOCRYSTALLINE SOLAR MODULE

375W
Highest power output

20.3%
Module efficiency

PRODUCT QUALITY FEATURES

- Made in Europe
- Tigo TS4-A-0 optimisation reduces shading losses
- Tigo enabled rapid shutdown and module monitoring
- +5w positive power tolerance
- Total black - premium integration
- 30 year British performance warranty. UK service.

PRODUCT ADVANTAGES



Tigo Optimisation
Improved performance and safety



Low Hot-spot Risk
1/2 current, reducing the hot spot temperature



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads, 8000Pa extra support



Low NMOT
As low as 43°C, improving the power generation efficiency



Half Cell, MBB Technology
Series-then-parallel cell connection design, more reliable soldering technology

Tigo[®]



30 YEAR BRITISH WARRANTY

12
Years

Materials and workmanship warranty

30
Years

Linear power warranty



LOW RISK BRITISH PROCUREMENT



BRITISH TECHNICAL SUPPORT



ALWAYS GRADE "A" CELLS



BRITISH QUALITY STANDARDS



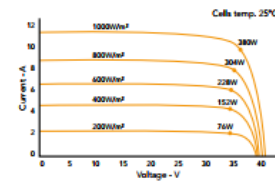
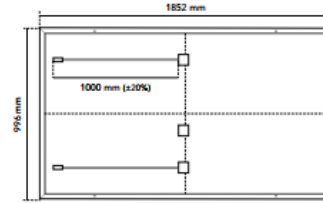
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UKS-6M-375W-OPT

ELECTRICAL CHARACTERISTICS

| Standard - Black | 375w |
|---|----------------|
| Nominal power, Pmpp | 375 Wp |
| Tolerance, Pmpp | 0 / +5 W |
| Area of the module | 1.84 |
| Module efficiency | 20.33 % |
| Isc | 10.35 A |
| Voc | 45.75 V |
| I _{mp} | 9.78 A |
| V _{mp} | 38.35 V |
| Maximum voltage | 1500 V |
| α I _{sc} | 0.04 % / °C |
| β Voc | - 0.25 % / °C |
| g P _{max} | - 0.34 % / °C |
| Temperature range | - 40°C ~ +85°C |
| NOCT. <small>Nominal Operating Cell Temperature</small> | 43 ± 2°C |



NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1.5 and cell's temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by UKSOL.

Made In Europe

TEMPERATURE CHARACTERISTICS

| | |
|---|------------|
| Nominal Module Operating Temperature(NMOT) | 43 ± 2 °C |
| Temperature Coefficient of P _{max} | -0.34 %/°C |
| Temperature Coefficient of Voc | -0.25%/°C |
| Temperature Coefficient of I _{sc} | 0.040 %/°C |



CERTIFIED

MECHANICAL CHARACTERISTICS

| | |
|----------------------------------|---|
| Frame | Black anodized aluminium Robust and resistant to corrosion Built-in plug |
| Connection box | Sealed, robust and wide for heat dissipation IP67/IP68 according to IEC 60529 Diodes by-pass built-in (3/6) for protection of the partial shading Connector MC4 or compatible Cables 1000 mm (±20%) length and 4mm ² section Fire Class I approval (UNI 9177) |
| Frontal | 3.2 mm thick tempered glass with high strength and ARC Textured, extra-clear with low iron content |
| Solar cells | 132 cells monocrystalline silicon |
| Weight, dimensions and packaging | 19.7 Kg 1852 x 996 x 35mm (+/-1%) Pack: 744 pcs-truck |



**30 YEAR
BRITISH
WARRANTY**

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