

AKA GLOBAL POWER UK LTD,





info@akaglobalpower.com, www.akaglobalpower.com



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.

<p>12Ys Products Warranty</p>	 <p>MBB The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption</p>
<p>30Ys Warranty on power output</p>	 <p>Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs</p>
<p>PID PID Resistant</p>	 <p>All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.</p>
<p>EL Microcrack resistant Double glass structure enhance reliability, triple EL tested of high quality control.</p>	<p>5W Positive tolerance 0/+5w guaranteed</p>
 <p>Entire module certified to with stand extreme wind (2400 Pa) and snow loads (5400 Pa)</p>	

Comprehensive and first-rate certification system

IEC61215: 2016, IEC61730: 2016 Latest Standard ISO9001, ISO14001 and OHSAS18001, meeting the highest international standards
Strict quality control

Warranty partner

Munich RE

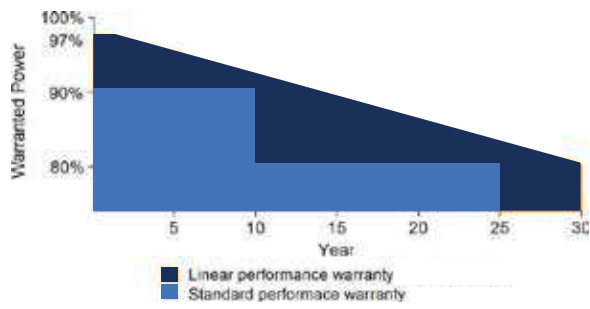
www.munichre.com/PVWarrantyPartner

UKS-60-156P-C/(V)



SPECIAL WARRANTY

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

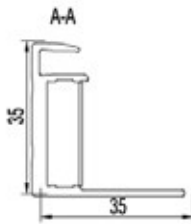
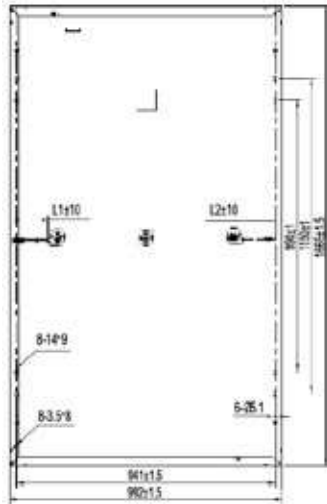


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ENGINEERING DRAWING



ELECTRICAL CHARACTERISTICS

Module	UKS60-156P-C / UKS60-156P(V)-C				
Maximum Power at STC (Pmax)	285W	290W	295W	300W	305W
Open-Circuit Voltage (Voc)	38.6V	38.8V	39.0V	39.2V	39.4V
Short-Circuit Current (Isc)	9.73A	9.86A	9.97A	10.08A	10.19A
Optimum Operating Voltage (Vmp)	31.4V	31.6V	31.8V	32.0V	32.2V
Optimum Operating Current (Imp)	9.10A	9.20A	9.30A	9.38A	9.48A
Module Efficiency	17.3%	17.6%	17.9%	18.2%	18.5%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1000V / 1500V DC(IEC)				
Maximum Series Fuse Rating	15A				
Operating Temperature	-40 °C to + 85 °C				

*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

NOCT

Module	UKS60-156P-C / UKS60-156P(V)-C				
Maximum Power	210W	214W	218W	221W	225W
Open Circuit Voltage (V oc)	36.3V	36.4V	36.6V	36.8V	37.0V
Short Circuit Current (Isc)	7.86A	7.96A	8.05A	8.14A	8.23A
Maximum Power Voltage (Vmp)	29.5V	29.7V	29.9V	30.1V	30.2V
Maximum Circuit Current (Imp)	7.12A	7.21A	7.29A	7.34A	7.45A
NOCT	45°C ± 2°C				

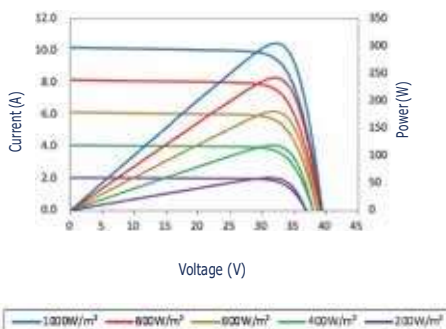
*NOCT : Irradiance 800W/m², ambient temperature 20°C, windspeed 1m/s

Solar Cells	Polycrystalline 156.75 × 78.375mm
No. of Cells	120 (6 × 20)
Dimensions	1665mm × 992 mm × 35mm
Weight	19.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm (IEC ²) Length: (+)200mm, (-)300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	30pcs / box, 780pcs / 40'HQ Container

Temperature Coefficient of Pmax	γ (Pm)	-0.41%/K
Temperature Coefficient of Voc	β (Voc)	-0.32%/K
Temperature Coefficient of Isc	α (Isc)	0.050%/K

I-V CURVES

Current-Voltage & Power-Voltage Curve



FOR ENQUIRY
PLEASE CONTACT

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