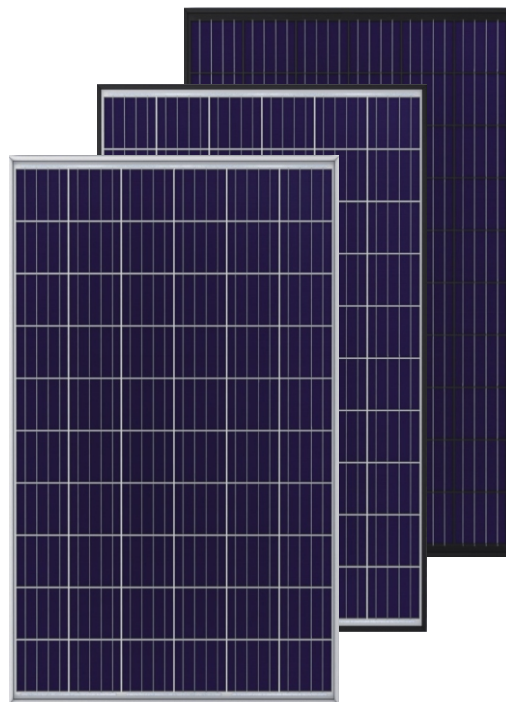




## UK SOLAR POWER



## UK260P60 SERIES UK260PB60 SERIES

A British Brand of High Quality Solar Modules

### UK SOLAR POWER

HIGHEST QUALITY - All our panels are produced to the Highest European and very strict British Standard regulations. Using only the best quality materials, our panels are designed to deliver the maximum return on your investment, whilst service and support is provided from our UK offices based in London. LONGEST GUARANTEES IN THE INDUSTRY - UK Solar Power Grade 'A' modules are supported by a British 12 year product warranty and a 30 year performance warranty. The performance warranty guarantees 90% of normal output for 12 years and 80% of normal output up to 30 years! BRITISH BACKED - Guarantees with a no quibble replacement policy!

17.4% -19.2%  
CELL EFFICIENCY

12 YEARS  
PRODUCT WARRANTY

0 -3%  
POWER TOLERANCE

#### POWER WARRANTY

30 YEAR 80% Power Output Warranty

12 YEAR 90% Power Output Warranty

12 YEAR Material & Workmanship Warranty



#### Performance

High output and efficiency even under low light conditions



#### Versatility

Salt mist corrosion tested, perfect for harsh climatic conditions



#### Reliability

Durable and reliable solar panels due to stringent quality control measures, testing and strict selection of raw materials and components. PID free (TUV certified)



#### Design and Innovation

UK SOLAR POWER is committed to innovation and constantly working to provide the next breakthrough in solar technology: the new All Black panel is an example of this commitment.

# POLYCRYSTALLINE, 60-CELL SERIES

## ELECTRICAL PERFORMANCE

Module type	UK260P60-60 / PLM-260PB60								
Power output	$P_{max}$	W	250	255	260	265	270	275	280
Power output tolerances	$\Delta P_{max}$	%	0 - 3						
Voltage at Pmax	$V_{mpp}$	V	29.95	30.29	30.63	30.96	31.22	31.54	31.86
Current at Pmax	$I_{mpp}$	A	8.35	8.42	8.49	8.56	8.65	8.72	8.79
Open-circuit voltage	$V_{oc}$	V	37.63	37.83	37.97	38.13	38.23	38.49	38.81
Short-circuit current	$I_{sc}$	A	8.90	8.97	9.05	9.10	9.13	9.16	9.21
Module Efficiency	Eff.	%	15.37	15.68	15.99	16.29	16.60	16.91	17.22

STC: 1000W/m<sup>2</sup> irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3.

## THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45±2
Temperature coefficient of Pmax	$\mu$	%/°C	-0.40
Temperature coefficient of Voc	$\beta_{voc}$	%/°C	-0.30
Temperature coefficient of Isc	$\alpha_{isc}$	%/°C	0.06
Temperature coefficient of Vmpp	$\beta_{vmpp}$	%/°C	-0.35

## OPERATING CONDITIONS

Max. system voltage	1000V <sub>DC</sub>
Limiting reverse current	15A
Operating temperature range	-40°C to 85°C
Max. static load front (e.g., snow)	5400Pa
Max. static load back (e.g., wind)	2400Pa
Max. hailstone impact (diameter / velocity)	25mm / 23m/s

## MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	white / black
Cell (quantity / material / dimensions)	60 / polycrystalline silicon / 156 x 156mm
Frame (material / color)	anodized aluminum alloy / silver / black
Junction box (protection degree)	≥IP65
Cables & Plug connectors	900mm / 4mm <sup>2</sup> & MC4 compatible / IP67
Module Dimensions (L / W / H)	1640mm x 992mm x 35mm
Module Weight	17.6kg

## PACKING DETAILS

Container	20'GP	40'HQ
Pieces per pallet	60	66
Pallets per container	6	14
Pieces per container	360	924



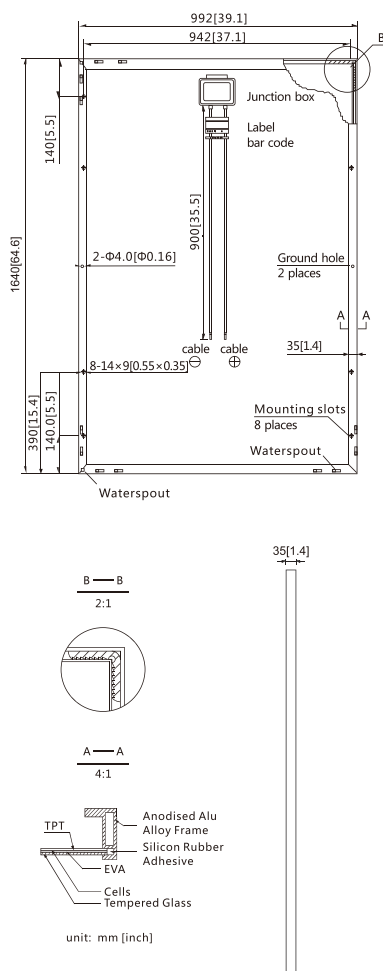
UK SOLAR Partners

## QUALIFICATIONS & CERTIFICATIONS

IEC 61215, IEC 61730, CE, IEC 62804 (PID Free), UL 1703, J-PEC, PV CYCLE, IEC/EN 61701, IEC 62716



## Module Diagram:



## Electrical Curves:

