

PIKCELL GROUP



PiK High Quality PV Modules Series

Polycrystalline PV Modules / PiK265P(60)/ PiK320P(72)

Best in class quality PiKCELL Group production line is fully automated and include multiple quality checks throughout the production process including Cell Testing, 100% Visual Mirror Inspection, EL Testing and PV Sun Simulator Testing



Made in Macedonia



PID Free



Module efficiency up to 17.6% and up to 17.9%



Output power tolerances

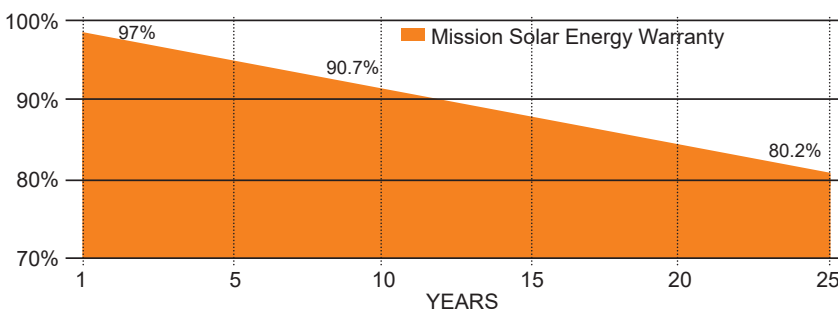


Supremely low degradation



Excellent low light performance

25-YEAR LINEAR WARRANTY



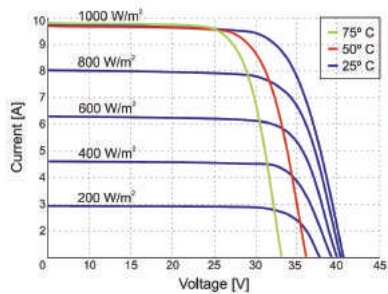
CERTIFICATES



IEC 61215:2005, IDT; EN 61215:2005, IDT
IEC 61730-1:2016, IDT; EN IEC 61730-1:2018, IDT
IEC 61730-2:2004, IDT; EN IEC 61730-2:2018, IDT

Electrical Specifications @ STC (AM, 5, 1,000W/m², 25°C):

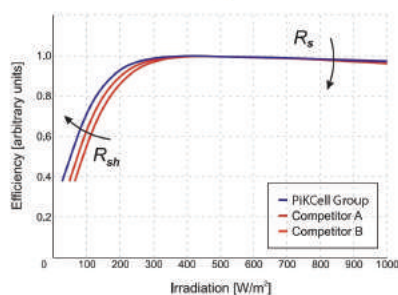
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



Module Type		PiK265P(60)	PiK320P(72)
Nominal Power	P _{mpp} (W)	265	320
Short Circuit Current	I _{sc} (A)	8.6	9.10
Open Circuit Voltage	V _{oc} (V)	39.2	46.14
MPP Current	I _{mpp} (A)	8.3	8.40
MPP Voltage	V _{mpp} (V)	32	38.32
Solar Cell Efficiency	η _c (%)	18.1	18.1
Module Efficiency	η _m % (%)	17.6	17.9
Power Output Tolerance		± 3%	
Maximum Reverse Current		18 A	
Maximum System Voltage		1,000 V (Application Class A)	

Additional power classes available upon request. | Power measurement tolerance: ~3%.

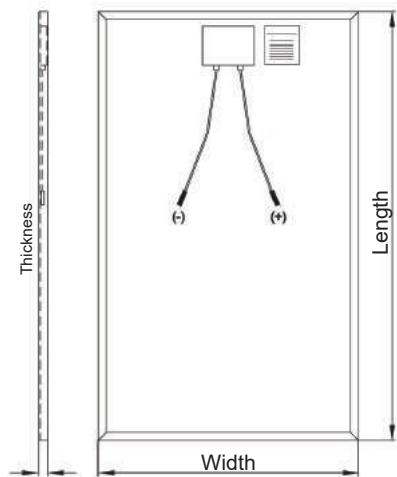
Effective Efficiency



Thermal Specifications

Current temperature Coefficient α	+ 0,046 %/K
Voltage Temperature Coefficient β	- 0.30 %/K
Power Temperature Coefficient γ	-0.39 %/K
NOCT	44 °C
Temperature Range	-40 °C to + 85 °C

Dimensions



Length 1640 mm Length 1950 mm
 Width 990 mm Width 990 mm
 Thickness 40 mm Thickness 40 mm

Mechanical Specifications

Length x Width x Thickness	1640 mm x 990 mm x 40 mm 1950 mm x 990 mm x 40 mm
Weight	17.2 kg 20.8 kg
Solar Cells	60 poly c-Si in series / 156 mm x 156 mm (6+)
Junction Box / Connectors	Five bypass diodes / MC4 compatible / IP 67
Frame	Anodized AL with drainage holes / rigid anchored corners
Glass	3.2 mm glass with anti-reflective coating / tempered / high transparency / low-iron content
Packaging	26 modules per pallet / stackable 2 pallets high
Certified Nominal Load (snow/wind)	5,400 Pa / 2,400 Pa
Impact resistance	Hailstone / φ 25 mm / 83 km/h (51 mph)

All unspecified tolerances are ± 3%. Unspecified product properties remain under full discretion of PiKCell Group.

PiKCELL Group LTD

Address:

Bul. 3rd Macedonian Brigade 54,
 1000 Skopje
 R.Macedonia

tel. +389 2 2446 999

email: contact@pikcellgroup.mk

www.pikcellgroup.mk

Dealer information

www.pikcellgroup.mk

Additional terms & conditions apply. Please see **Standard limited Warranty and General Terms and Conditions**.
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