

PIKCELL GROUP



PiK High Quality PV Modules Series

Polycrystalline PV Modules - PiK340P(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 Republic of North Macedonia



PID free



Module efficiency up to 18.7%



Output power tolerances

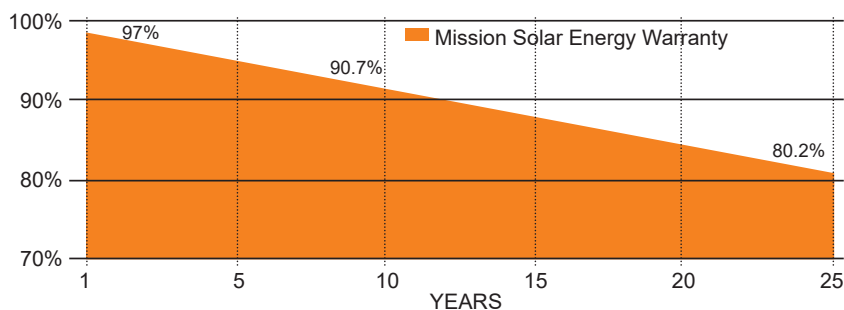


Supremely low degradation



Excellent low light performance

25-YEAR LINEAR WARRANTY

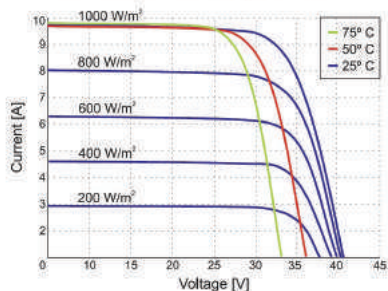


CERTIFICATES



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

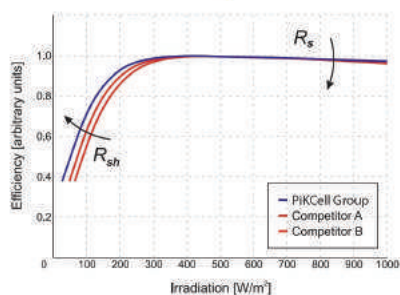
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



Module Type	PiK340P(72)	
Nominal Power	P _{mpp} (W)	340
Short Circuit Current	I _{sc} (A)	9.25
Open Circuit Voltage	V _{oc} (V)	47.1
MPP Current	I _{mpp} (A)	8.92
MPP Voltage	V _{mpp} (V)	38.1
Solar Cell Efficiency	η _c (%)	18.7
Module Efficiency	η _m % (%)	18.05
Power Output Tolerance		± 3%
Maximum Reverse Current		18 A
Maximum System Voltage		1,500 V (Application Class A)

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

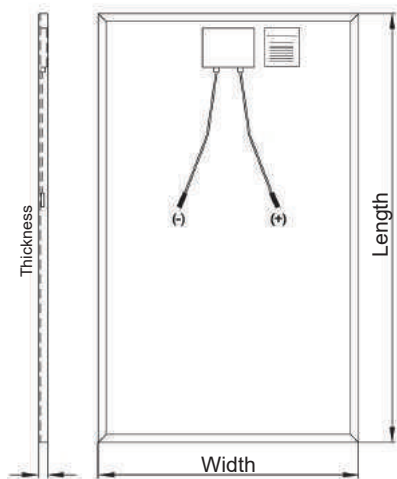
Effective Efficiency



Thermal Specifications

Current temperature Coefficient α	+ 0,04 %/°C
Voltage Temperature Coefficient β	- 0.34 %/°C
Power Temperature Coefficient γ	-0.44 %/°C
NOCT	44 °C
Temperature Range	-40 °C to + 85 °C

Dimensions



Length 1950 mm
Width 990 mm
Thickness 35 mm

Mechanical Specifications

Length x Width x Thickness	1950 mm x 990 mm x 35 mm
Weight	20.8 kg
Solar Cells	72 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	30 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

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Dealer information

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