

PIKCELL GROUP

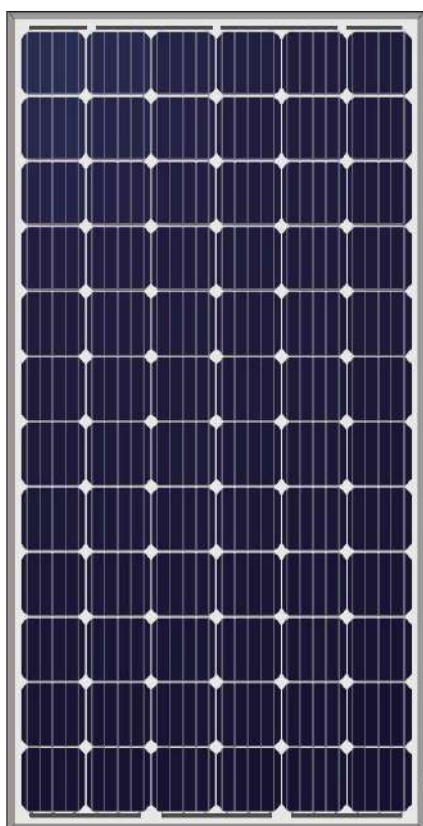
PiK High Quality PV Modules Series



Monocrystalline PV Modules-72 Cells

PiK360M(72), PiK365M(72), PiK370M(72), PiK375M(72), PiK380M(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



CERTIFICATES



Made in Republic of North Macedonia



PID free



Module efficiency up to 19.8%



Output power tolerances

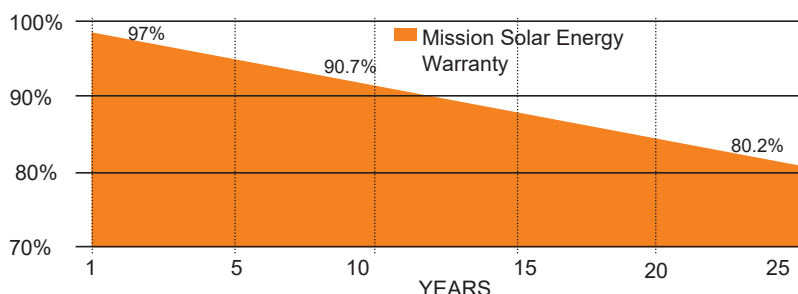


Supremely low degradation



Excellent low light performance

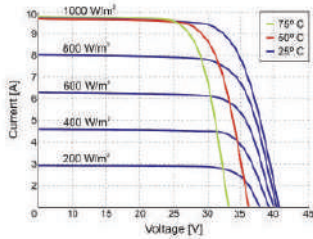
25-YEAR LINEAR WARRANTY



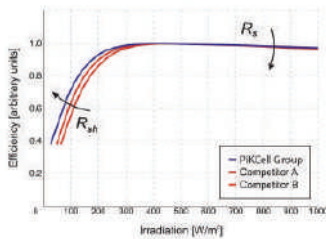
Electrical Specifications @ STC (AM, 5, 1,000W/m², 25°C):

Module Type	PiK360M(72)	PiK365M(72)	PiK370M(72)	PiK375M(72)	PiK380M(72)
Nominal Power P _{mpp} (W)	360W	365W	370W	375W	380W
Short Circuit Current I _{sc} (A)	9.8	9.85	9.90	9.95	10.00
Open Circuit Voltage Voc (V)	47.29	47.69	48.14	48.58	48.95
MPP Current I _{mpp} (A)	9.25	9.30	9.35	9.40	9.45
MPP Voltage V _{mpp} (V)	38.94	39.25	39.59	39.95	40.24
Module Efficiency η _m % (%)	18.6	18.8	19.1	19.4	19.8

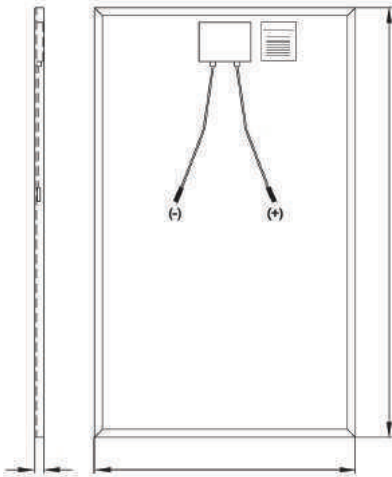
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



Effective Efficiency



Dimensions



Length 1950 mm
Width 990 mm
Thickness 35 mm

PIKCELL Group

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Power Output Tolerance	± 3%
Maximum Reverse Current	29.32 A
Maximum System Voltage	1,000 V (Application Class A)
Additional power classes available upon request. Power measurement tolerance: ~3%	

Thermal Specifications

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

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	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.

Dealer information

www.pikcellgroup.mk

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