For a Free Quote:
Web: **EnergyPal.com/solar**
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Solar Panel Guide
Specification Data Sheet

PiKCELL Group LTD
PiK265P(60)/ PiK320P(72)
PiK265P(60)

Also available on the web at
EnergyPal.com/pikcell-group-ltd-solar-panels/pik265p-60

PiKCELL GROUP

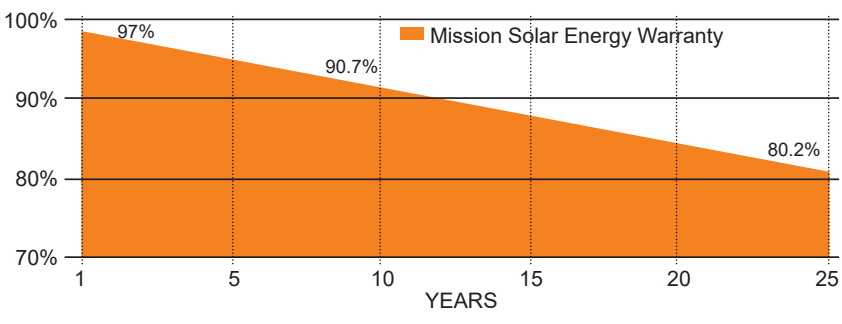
PiK High Quality PV Modules Series

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
- Output power tolerances
- PID free
- Supremly low degradation
- Module efficeiency up to 17.6% and up to 17.9%
- Excellent low light performance

25-YEAR LINEAR WARRANTY



CERTIFICATES

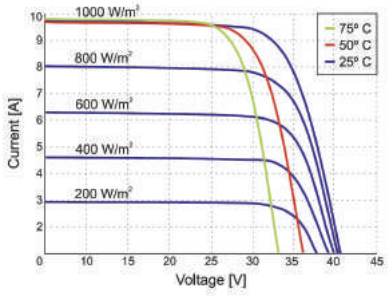
IEC 61215:2005, IDT; EN 61215:2005, IDT

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):

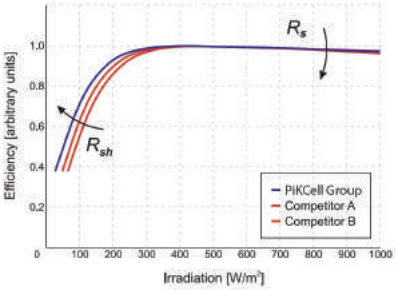
I-V Curve at Various Irradiation Levels and Various Cell Temperatures



Module Type		PiK265P(60)	PiK320P(72)
Nominal Power	Pmpp(W)	265	320
Short Circuit Current	Isc (A)	8.6	9.10
Open Circuit Voltage	Voc (V)	39.2	46.14
MPP Current	Impp(A)	8.3	8.40
MPP Voltage	Vmpp(V)	32	38.32
Solar Cell Efficiency	ηc (%)	18.1	18.1
Module Efficiency	ηm% (%)	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 aavallible upon request. | Power measurment tolerance: ~3%.

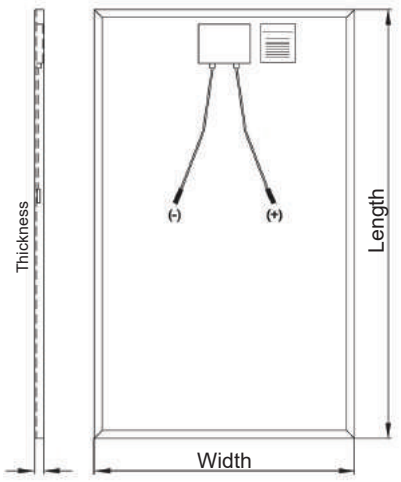
Effective Efficiency



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
Width 990 mm
Thickness 40 mm

Length 1950 mm
Width 990 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.

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Dealer information

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