

# PIKCELL GROUP



## PiK High Quality PV Modules Series

### Monocrystalline PV Module - PiK330M(60)- PERC

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 21.7%



Output power tolerances

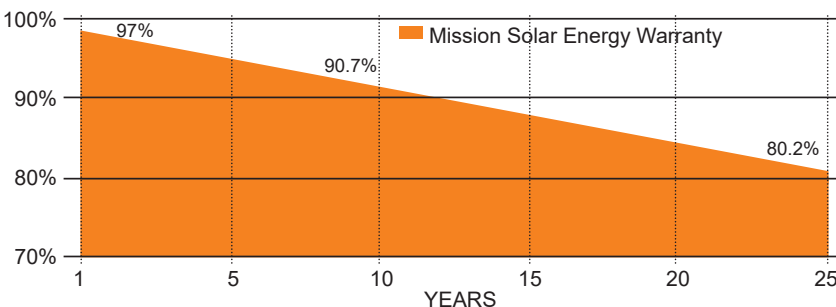


Supremely low degradation



Excellent low light performance

### 25-YEAR LINEAR WARRANTY

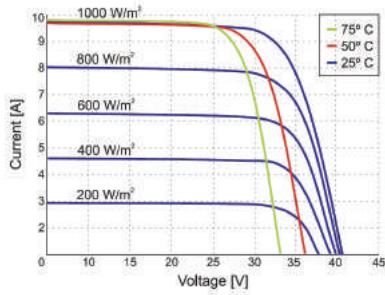


### CERTIFICATES



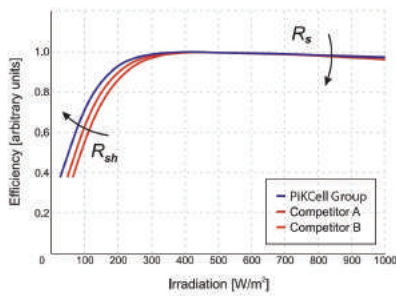
## Electrical Specifications @ STC (AM, 5, 1,000W/m<sup>2</sup>, 25°C):

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



| Module Type  | PiK330M(60)          |                               |
|--|----------------------|-------------------------------|
| Nominal Power  | P <sub>mpp</sub> (W) | 330                           |
| Short Circuit Current  | I <sub>sc</sub> (A)  | 10.25                         |
| Open Circuit Voltage   | V <sub>oc</sub> (V)  | 41.14                         |
| MPP Current  | I <sub>mpp</sub> (A) | 9.78                          |
| MPP Voltage  | V <sub>mpp</sub> (V) | 33.74                         |
| Module Efficiency  | η <sub>m</sub> % (%) | 21.7                          |
| 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%. |                      |                               |

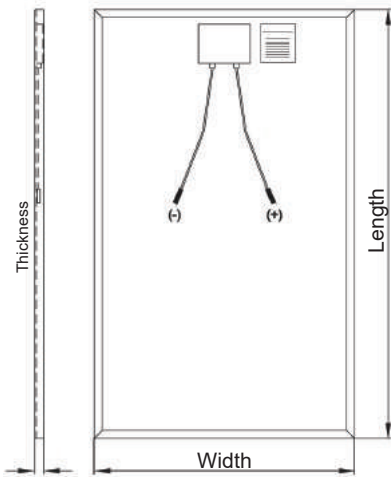
Effective Efficiency



## Thermal Specifications

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

Dimensions



Length 1640 mm  
Width 990 mm  
Thickness 40 mm

## Mechanical Specifications

|                                    |  |
|------------------------------------|--|
| Length x Width x Thickness         | 1640 mm x 990 mm x 40 mm   |
| Weight                             | 17.2 kg  |
| Solar Cells                        | 60 mono c-Si in series / 156.72 mm x 156.72 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 LTD

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## Dealer information

[www.pikcellgroup.mk](http://www.pikcellgroup.mk)

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