



High conversion efficiency  
High module efficiency to guarantee power output.



0 to +5W positive tolerance  
Detailed information in Electrical Specifications.



Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance  
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.

25

25-year performance warranty

10

10-year warranty on materials and workmanship



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

Pikcell Group Skopje

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## ELECTRICAL DATA

Model Type PiK 400M(72)	
Peak Power (Pmax)/W	400
Module Efficiency/%	20.16
Maximum Power Volage (Vmp)/V	40.5
Maximum Power Current (Imp)/A	9.88
Open Circuit Voltage (Voc)ZV	49.2
Short Circuit Current (Isc)/A	10.23
Power Tolerance	0 to +5W
Maximum System Voltage	1500V
Nominal Operating Cell Temperature	44±3°C
Maximum Series Fuse Rating	25A

## MECHANICAL DATA

Cell Type	Mono, 158.75mm
Number of Cells	72cells(12x6)
Weight	22kg
Dimension	1980x1002x35mm
Max Load	5400 Pascals
Junction Box	IP67 rated
Connector	MC4 Compatible
Wire Type	PV Wire

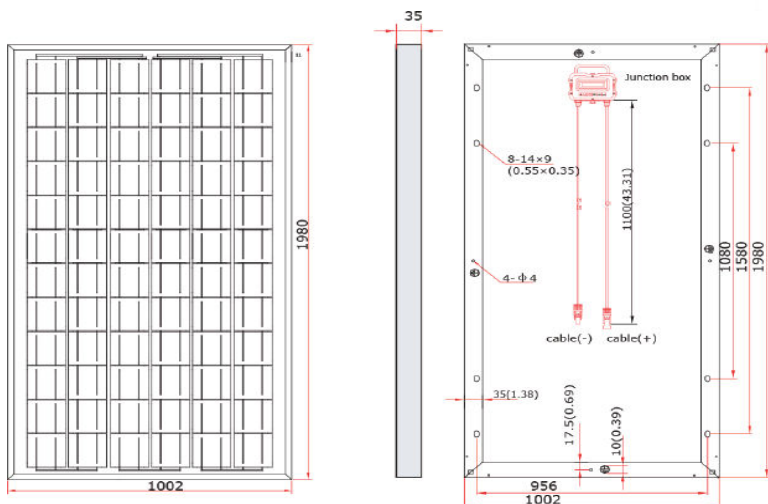
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.045% /°C
Temp. Coeff. of Voc (TK Voc)	0.27% /°C
Temp. Coeff of Pmax (TK Pmax)	0.408% Z°C

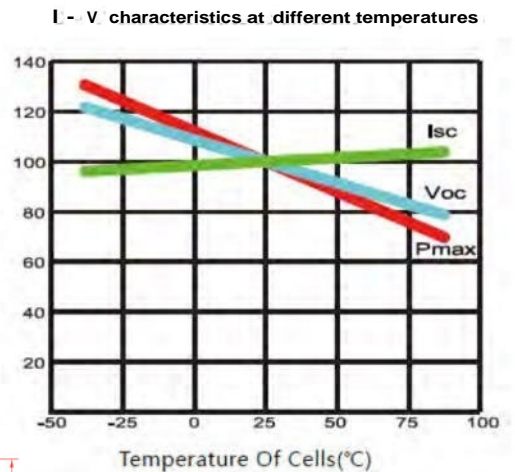
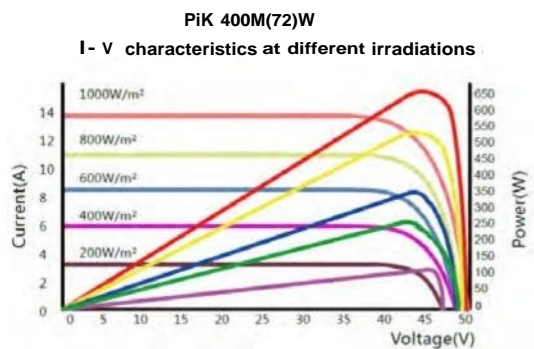
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	816

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m2 solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m2, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact [contact@pikcellgroup.mk](mailto:contact@pikcellgroup.mk) for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.