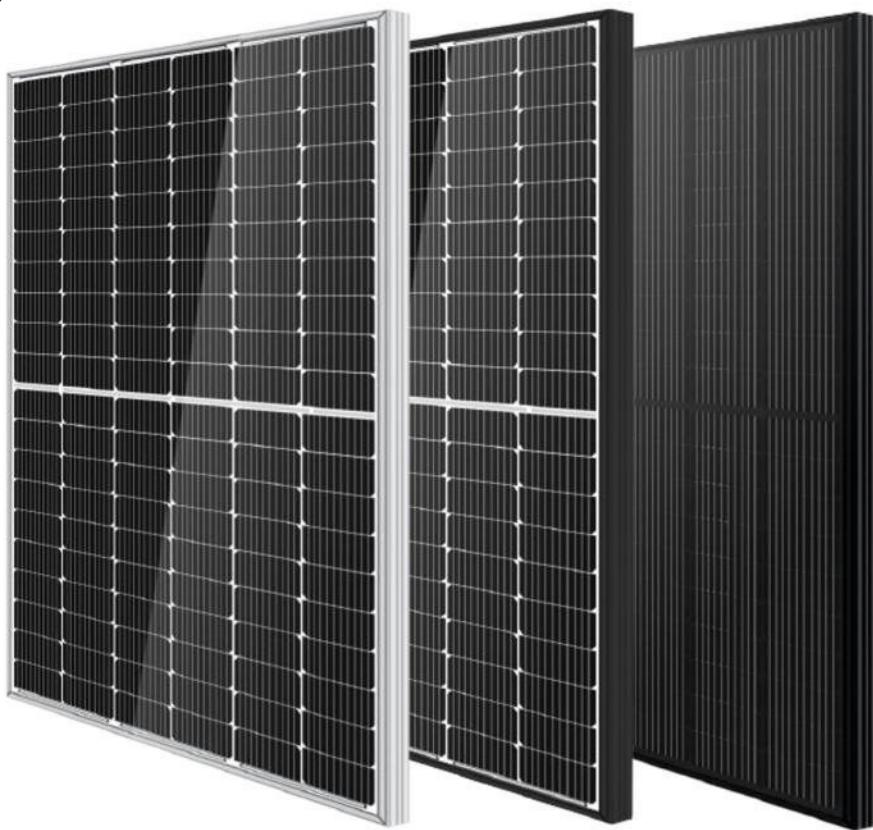




# PiK430M (120)



High conversion efficiency  
High module efficiency to guarantee  
power output.

Oto  
+5W

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



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

48

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  
10

25-year performance warranty

10-year warranty on materials and workmanship



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Pikcell Group Skopje  
Republic of North Macedonia

## ELECTRICAL DATA

Model Type PiK 430M(120)	
Peak Power (Pmax)/W	430
Module Efficiency/%	19.87
Maximum Power Voltage (Vmp)/V	34.41
Maximum Power Current (Imp)/A	12.5
Open Circuit Voltage (Voc)/V	40.06
Short Circuit Current (Isc)/A	13.27
Power Tolerance	0 to +5W
Maximum System Voltage	1500V
Nominal Operating Cell Temperature	42±2°C
Maximum Series Fuse Rating	25A

## MECHANICAL DATA

Cell Type	Mono PERC-crystalline, 91x182mm
Number of Cells	120 cells(6x10+6x10)
Weight	23.5kg
Dimension	1908x1134x30mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

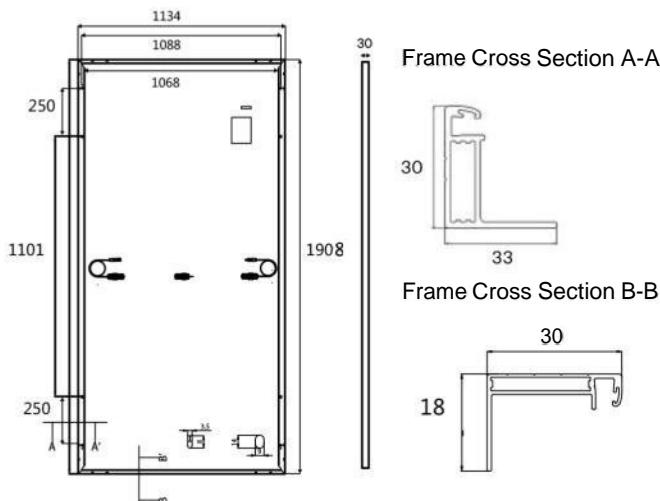
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.3% /°C
Temp. Coeff of Pmax (TK Pmax)	-0.35% °C

## PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	(31+31)x12=744

## PHYSICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m<sup>2</sup>, 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 isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

## ELECTRICAL CHARACTERISTICS

