

# PIKCELL GROUP

## BIFACIAL PERC MONO MODULE

### PIK 530 - 550M(110)

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



High conversion efficiency  
High module efficiency to guarantee power output.



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

0 to  
+5W

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



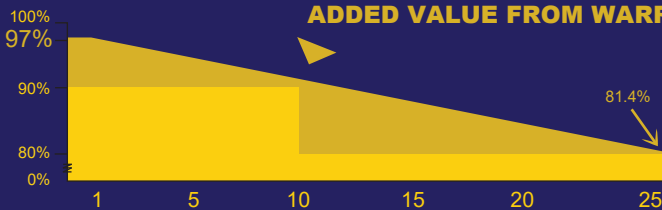
Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



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

48

48-hour responsive service



Standard tiered warranty  
Linear performance warranty

10

10-year warranty on materials and workmanship

25

25-year performance warranty

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EN ISO 9001 : 2015  
No 4410021320170  
EN ISO 14001 : 2015  
No 4410421320170  
EN ISO 45001 : 2018  
No 4412621320170

## ELECTRICAL DATA

Model Type	PiK530M	PiK535M	PiK540M	PiK545M	PiK550M
Peak Power (Pmax)/W	530	535	540	545	550
Module Efficiency/%	20.3	20.5	20.7	20.9	21.0
Maximum Power Voltage (Vmp)/V	31.16	31.36	31.56	31.76	31.96
Maximum Power Current (Imp)/A	17.02	17.07	17.12	17.17	17.22
Open Circuit Voltage (Voc)/V	37.44	37.66	37.88	38.10	38.32
Short Circuit Voltage (Isc)/A	18.02	18.07	18.13	18.18	18.23
Power Tolerance			0 to +5W		
Maximum System Voltage			1500V		
Nominal Operating Cell Temperature			44±2°C		
Maximum Series Fuse Rating			35A		

## MECHANICAL DATA

Cell Type	Monocrystalline
Number of Cells	110 cells (5x11 + 5x11)
Weight	33kg
Dimensions	2384x1096x30mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

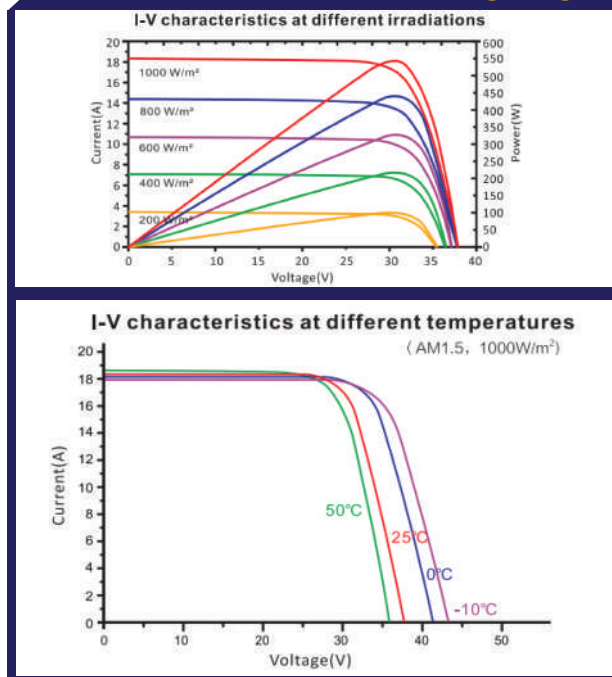
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

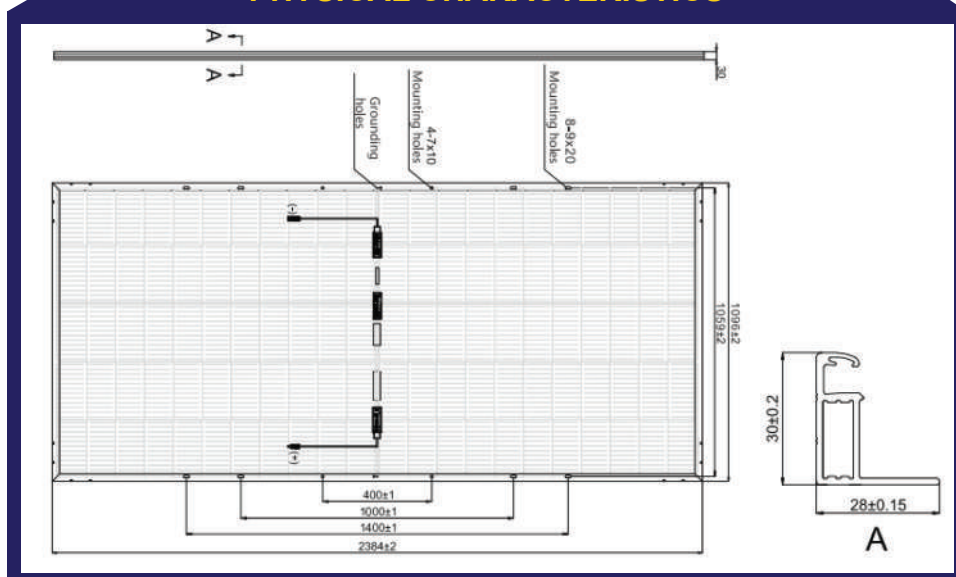
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	35
Pieces per Container	700

## ELECTRICAL CHARACTERISTICS



## 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. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.