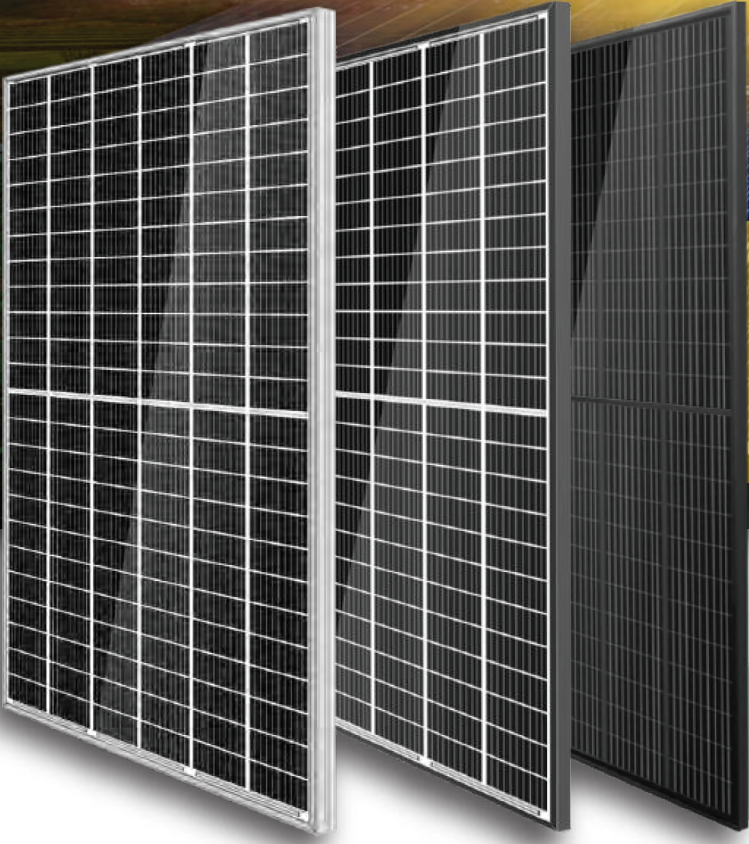


PIKCELL GROUP Halfcut 158mm MONO MODULE PiK410-430M(144)

Best in class quality PiKCELL Group production line is fully automated and includes 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.



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.



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

0 to +5W

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

48

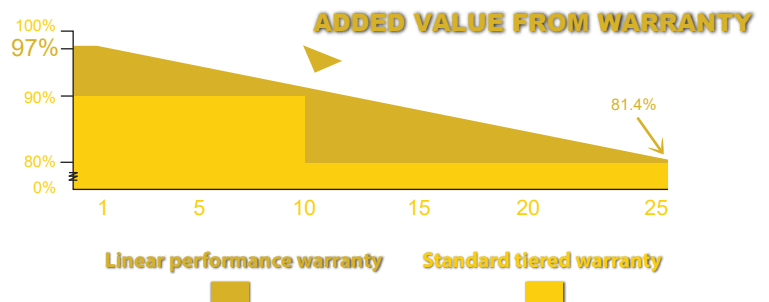
48-hour responsive service

10

10-year warranty on materials and workmanship

25

25-year performance warranty



ELECTRICAL DATA

Model Type	PiK410M(144)	PiK415M(144)	PiK420M(144)	PiK425M(144)	PiK430M(144)
Peak Power (Pmax)/W	410W	415W	420W	425W	430W
Module Efficiency/%	20.4%	19.7%	19.9%	20.1%	20.4%
Maximum Power Voltage (Vmp)/V	42.60V	42.90V	43.10V	43.20V	43.50V
Maximum Power Current (Imp)/A	9.63A	9.67A	9.74A	9.84A	9.89A
Open Circuit Voltage (Voc)/V	50.00V	50.20V	50.45V	50.70V	50.90V
Short Circuit Current (Isc)/A	10.25A	10.29A	10.33A	10.37A	10.41A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	1000/1500V	1000/1500V	1000/1500V	1000/1500V	1000/1500V
Nominal Operating Cell Temperature	41±3°C	41±3°C	41±3°C	41±3°C	41±3°C
Maximum Series Fuse Rating	20A	20A	20A	20A	20A

MECHANICAL DATA

Cell Type	158mm, Mono
Number of Cells	144 (12 × 6 × 2)
Weight	22.5kg
Dimension	2008x1002x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

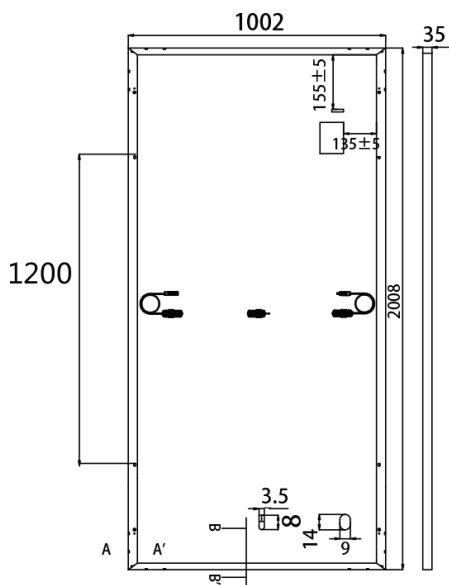
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

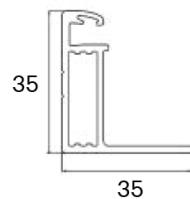
PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	(31 + 31 + 7) * 11=759

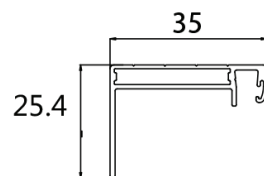
PHYSICAL CHARACTERISTICS



Frame Cross Section A-A



Frame Cross Section B-B



ELECTRICAL CHARACTERISTICS

