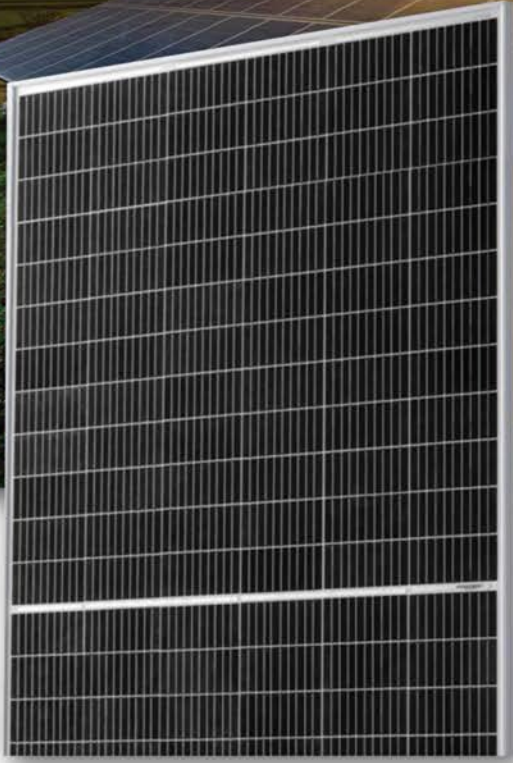


PIKCELL GROUP MONO MODULE PiK400M(144)-9BB

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



0 to +5W

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



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.

48

48-hour responsive service

10

10-year warranty on materials and workmanship

25

25-year performance warranty



ELECTRICAL DATA

Model Type	PiK 400
Peak Power (Pmax)/W	400
Module Efficiency/%	19.9
Maximum Power Volage (Vmp)/V	40.45
Maximum Power Current (Imp)/A	9.90
Open Circuit Voltage (Voc)/V	48.60
Short Circuit Current (Isc)/A	10.50
Power Tolerance	0 to +5W
Maximum System Voltage	1500V
Nominal Operating Cell Temperature	44.4±2°C
Maximum Series Fuse Rating	15A

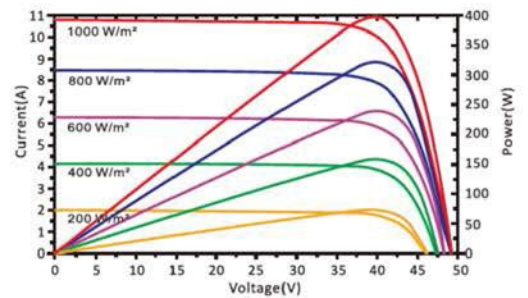
PACKING MANNER

Container	40' HQ
Pieces per Pallet	26
Pieces per Container	660

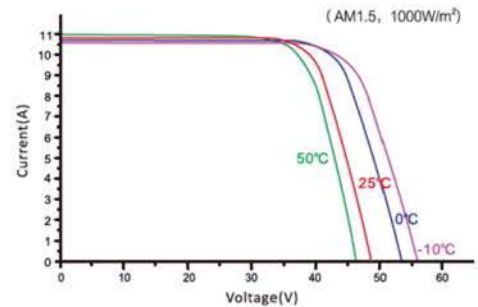
MECHANICAL DATA

Cell Type	Monocrystalline, 9BB
Number of Cells	144 cells (6x12+6x12)
Weight	23kg
Dimension	2015x996x40mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

ELECTRICAL CHARACTERISTICS



I-V characteristics at different temperatures



TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% /°C

PHYSICAL CHARACTERISTICS

