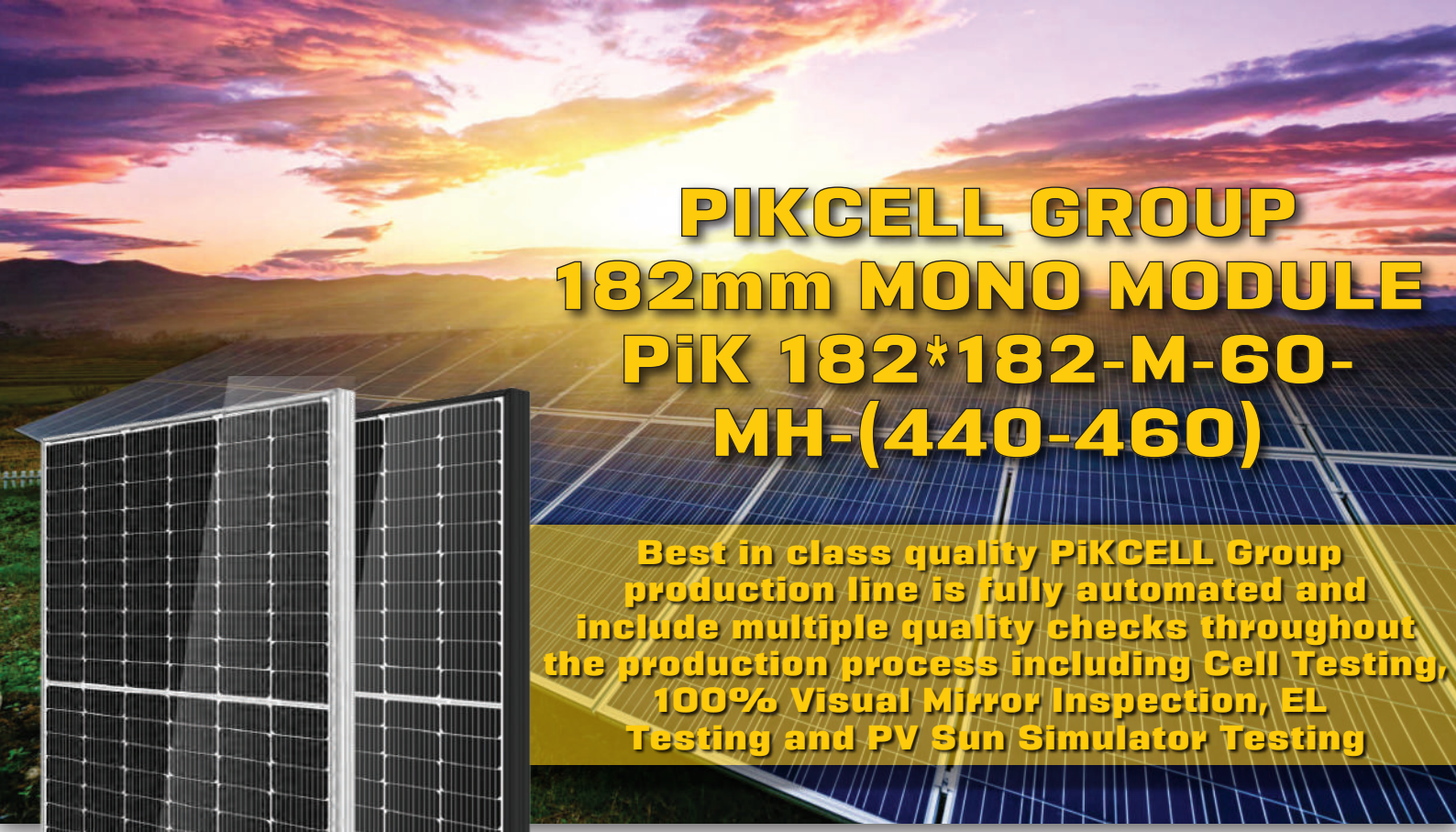
PIKCELL GROUP
182mm MONO MODULE
PiK 182*182-M-60-MH-(440-460)



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.

48 — 48-hour responsive service

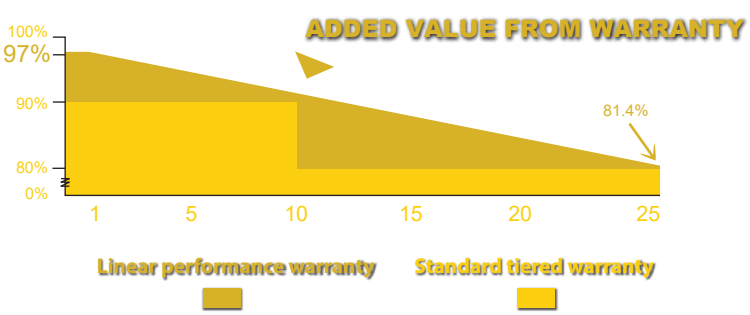
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.

10 — 10-year warranty on materials and workmanship

25 — 25-year performance warranty

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.



www.pikcellgroup.mk

PIKCELL Solar Power GROUP

TÜV NORD ISO 9001/ISO 14001/ISO 45001 — TÜV NORD Type Tested

ELECTRICAL DATA

Model Type	PiK 440	PiK 445	PiK 450	PiK 455	PiK 460
Peak Power (Pmax)/W	440W	445W	450W	455W	460W
Module Efficiency/%	20.33%	20.56%	20.79%	21.02%	21.25%
Maximum Power Volage (Vmp)/V	34.20V	34.50V	34.70V	34.90V	35.20V
Maximum Power Current (Imp)/A	12.84A	12.90A	12.96A	13.02A	13.08A
Open Circuit Voltage (Voc)/V	41.00V	41.20V	41.40V	41.60V	41.80V
Short Circuit Current (Isc)/A	13.58A	13.63A	13.68A	13.73A	13.78A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	1500V	1500V	1500V	1500V	1500V
Nominal Operating Cell Temperature	41±3°C	41±3°C	41±3°C	41±3°C	41±3°C
Maximum Series Fuse Rating	25A	25	25	25	25

MECHANICAL DATA

Cell Type	Mono, 182mm, 10BB
Number of Cells	120 cells(6x10+6x10)
Weight	23.5kg
Dimension	1909x1134x30mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

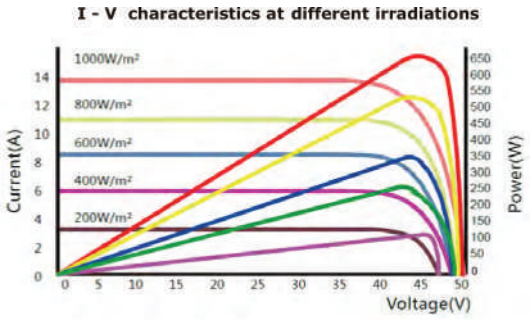
PACKING MANNER

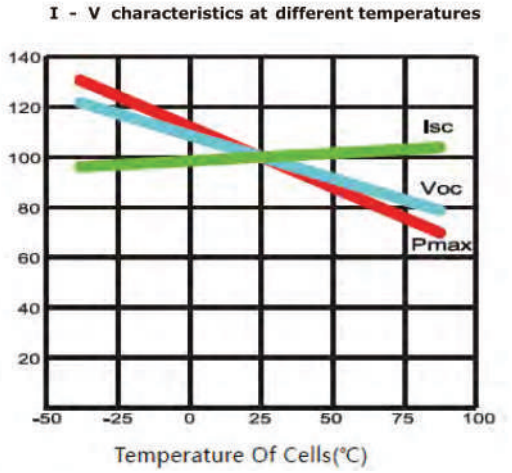
Container	40' HQ
Pieces per Pallet	36
Pieces per Container	(36+36)x12=864

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

ELECTRICAL CHARACTERISTICS





PHYSICAL CHARACTERISTICS