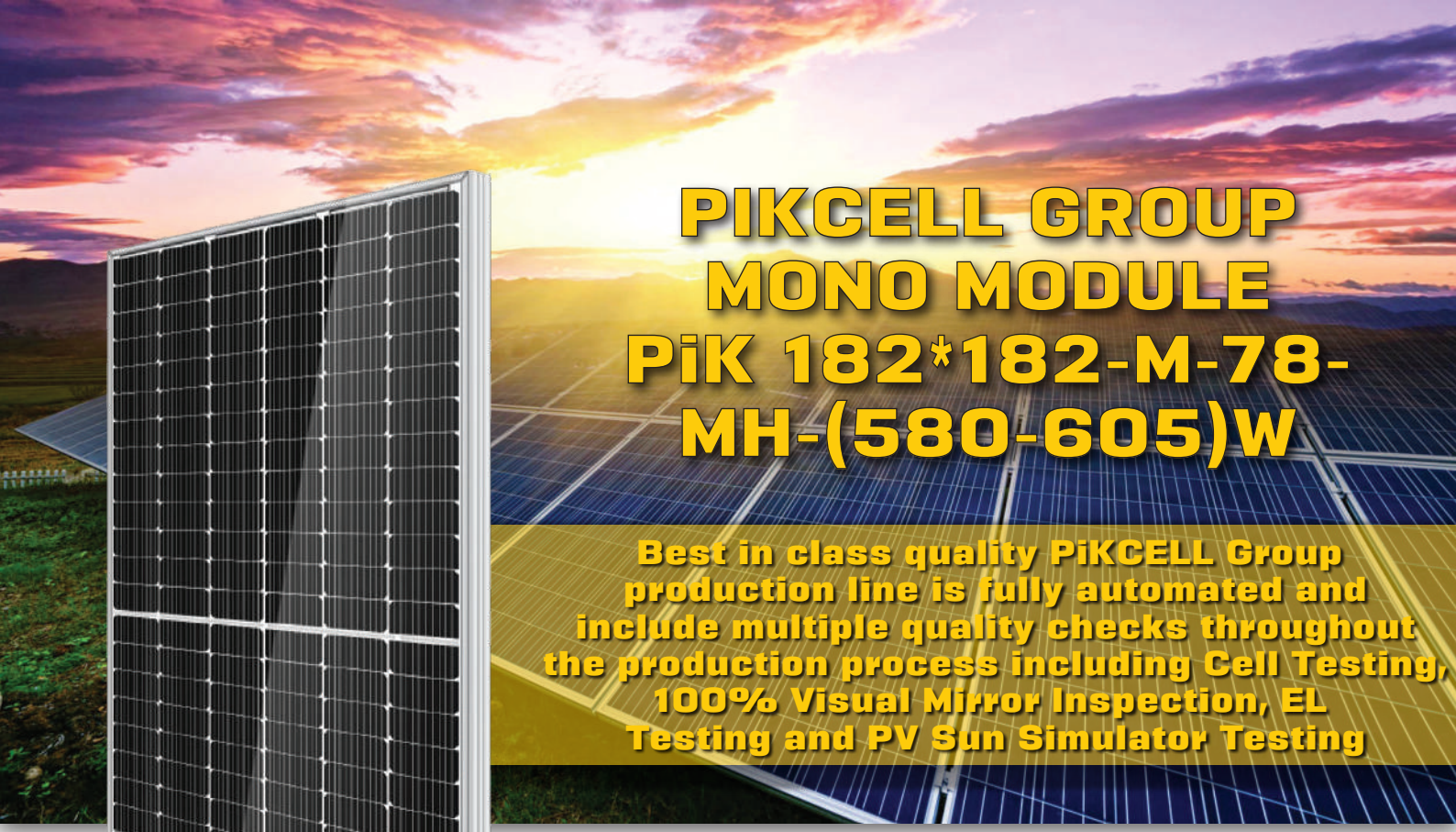
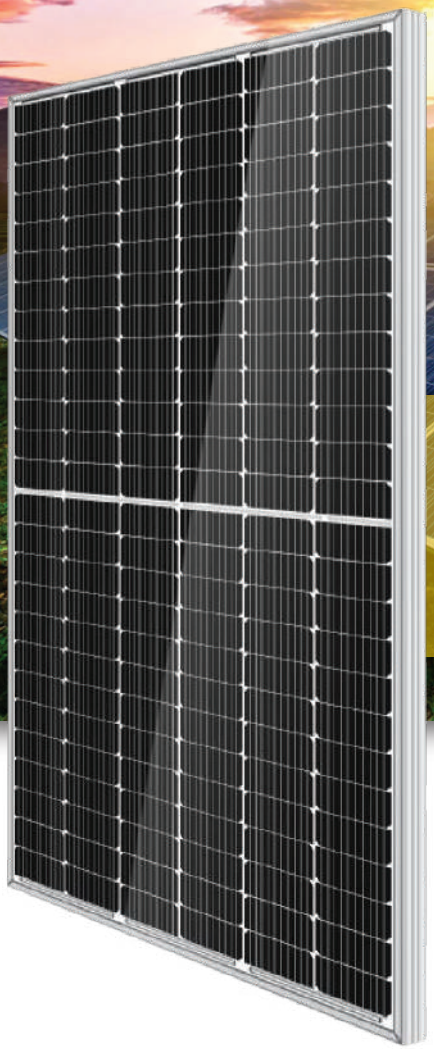


PIKCELL GROUP MONO MODULE PiK 182*182-M-78-MH-(580-605)W

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

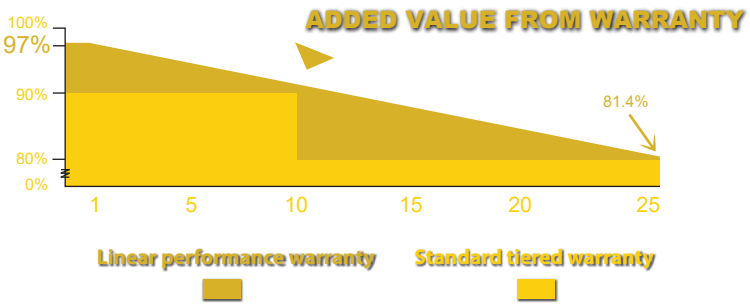
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.

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.



PiKCELL Solar Power GROUP

ELECTRICAL DATA

Model Type	PiK 580	PiK 585	PiK 590	PiK 595	PiK 600	PiK 605
Peak Power (Pmax)/W	580W	585W	590W	595W	600W	605W
Module Efficiency/%	20.94%	21.12%	21.30%	21.48%	21.66%	21.84%
Maximum Power Volage (Vmp)/V	44.40V	44.60V	44.80V	45V	45.20V	45.40V
Maximum Power Current (Imp)/A	13.07A	13.12A	13.17A	13.22A	13.27A	13.32A
Open Circuit Voltage (Voc)/V	53.30V	53.50V	53.70V	53.90V	54.10V	54.30V
Short Circuit Current (Isc)/A	13.81A	13.87A	13.94A	14.01A	14.08A	14.15A
Power Tolerance	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	1500V	1500V	1500V	1500V	1500V	1500V
Nominal Operating Cell Temperature	41±3°C	41±3°C	41±3°C	41±3°C	41±3°C	41±3°C
Maximum Series Fuse Rating	25A	25A	25A	25A	25A	25A

MECHANICAL DATA

Cell Type	182mm, Mono
Number of Cells	156(13x6x2)
Weight	31kg
Dimension	2443x1134x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

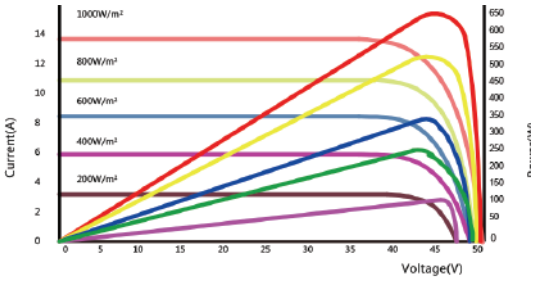
PACKING MANNER

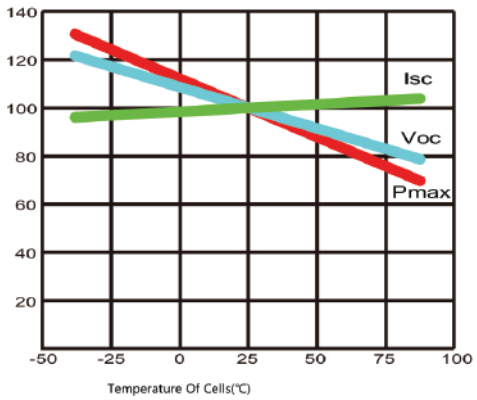
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	558

TEMPERATURE CHARACTERISTICS

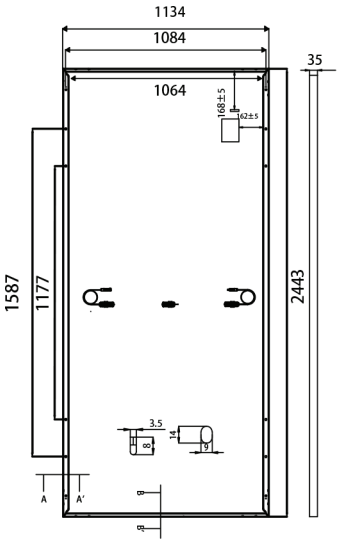
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff of Pmax (TK Pmax)	-0.36% /°C

ELECTRICAL CHARACTERISTICS

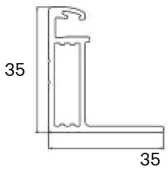
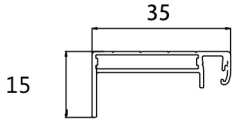




PHYSICAL CHARACTERISTICS



Frame Cross Section A-A



Frame Cross Section B-B