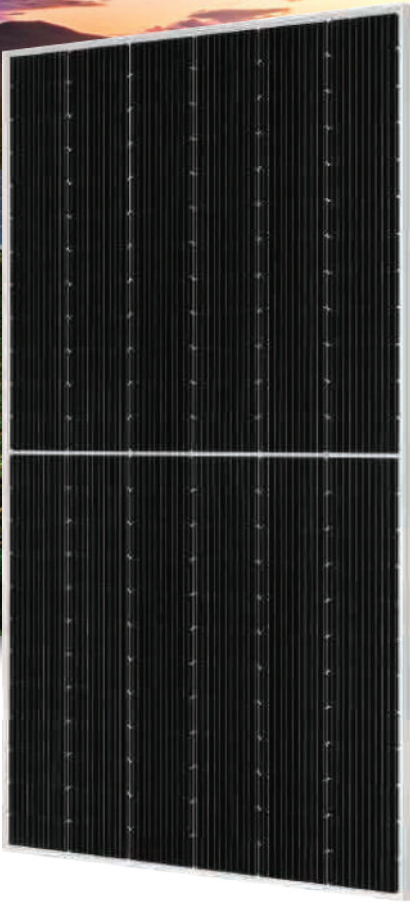


PIKCELL GROUP Halfcut 210mm MONO MODULE PiK540-560M(144)



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

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

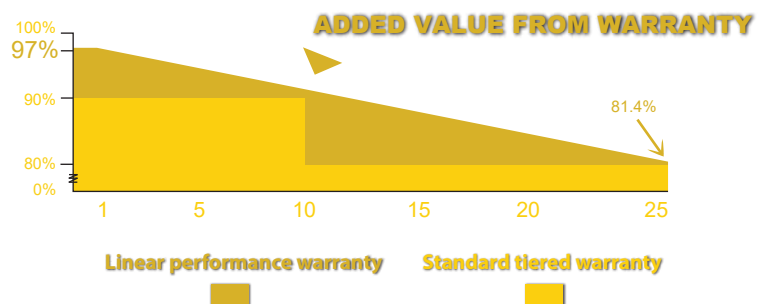
25-year performance warranty



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.



ELECTRICAL DATA

Model Type	PiK540M(144)	PiK545M(144)	PiK550M(144)	PiK555M(144)	PiK560M(144)
Peak Power (Pmax)/W	540W	545W	550W	555W	560W
Module Efficiency/%	20.9%	21.1%	21.3%	21.5%	21.7%
Maximum Power Voltage (Vmp)/V	41.64V	41.80V	41.96V	42.11V	42.27V
Maximum Power Current (Imp)/A	12.97A	13.04A	13.11A	13.18A	13.25A
Open Circuit Voltage (Voc)/V	49.60V	49.75V	49.90V	50.02V	50.15V
Short Circuit Current (Isc)/A	13.86A	13.93A	14.00A	14.07A	14.14A
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	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C
Maximum Series Fuse Rating	25A	25A	25A	25A	25A

MECHANICAL DATA

Cell Type	182mm, Mono
Number of Cells	144 (12 × 6 × 2)
Weight	28.6kg
Dimension	2279x1134x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

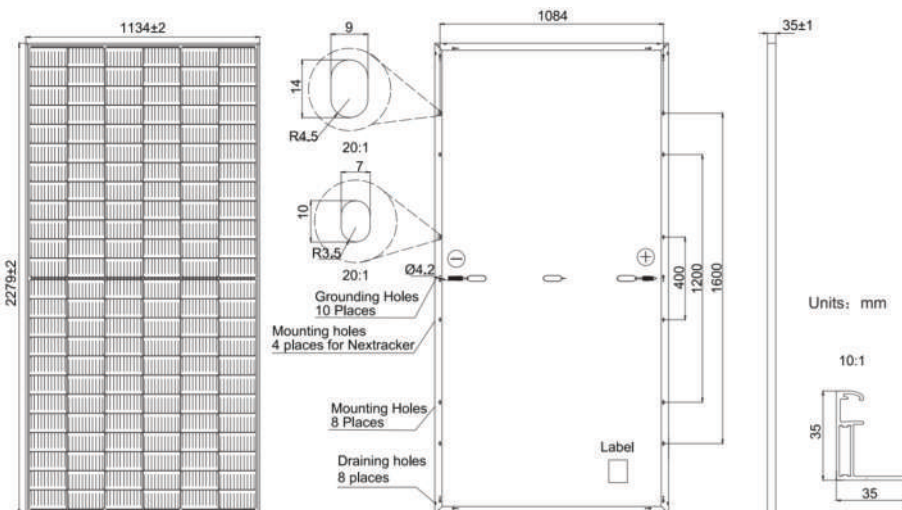
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.045% /°C
Temp. Coeff. of Voc (TK Voc)	-0.275% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.350% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

