PiKCELL GROUP
Solar Power

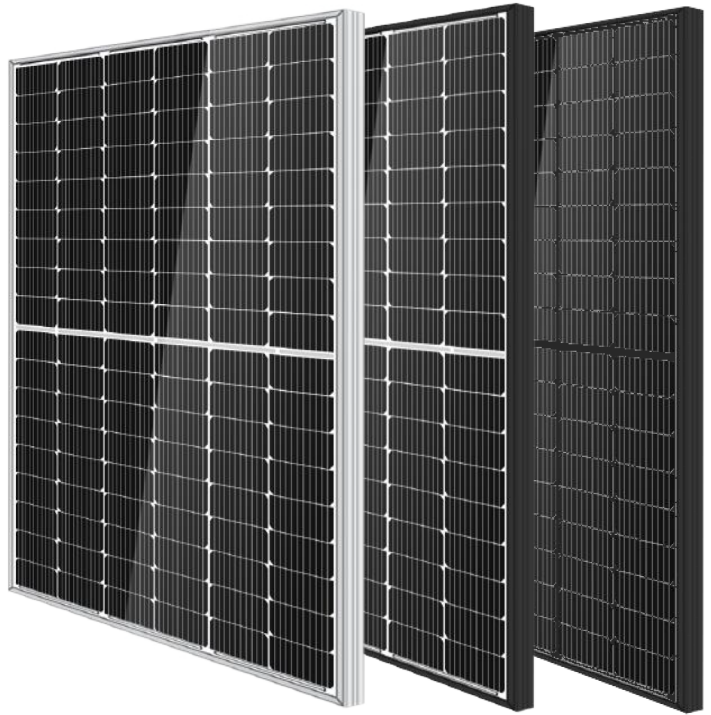# MONOCRYSTALINE SOLAR MODULE
PiK 410M(108)

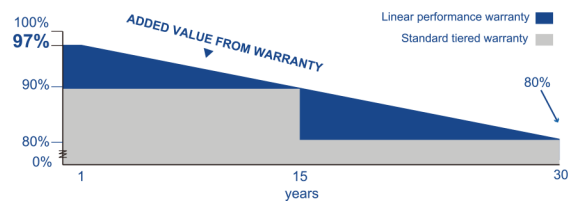**High conversion efficiency**
High module efficiency to guarantee power output.

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
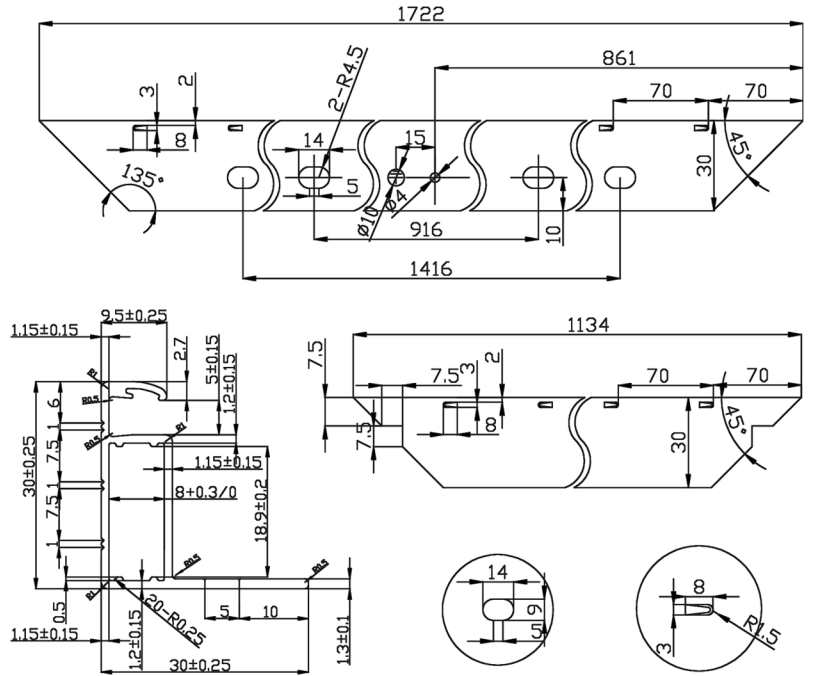2400Pa wind loads, 5400Pa snow loads.

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

48
48-hour response service

ADDED VALUE FROM WARRANTY

- Linear performance warranty
- Standard tiered warranty

100%
97%
90%
80%
80%
0%
1   15   30
years

30 30-year performance warranty

15 15-year warranty on materials and workmanship

CE   TÜV NORD 45001:2018   TÜV NORD 14001:2015   TÜV NORD 9001:2015   TÜV NORD BS OSHAS 18001:2007   TÜV NORD 50001:2018

MECHANICAL DIAGRAMS
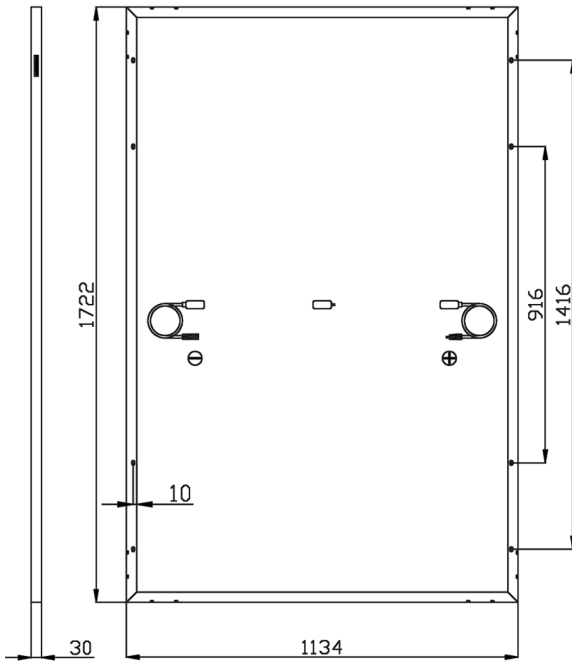
ELECTRICAL PARAMETERS AT STC

Power	410W
Open Circuit Voltage	37.34V
Short Circuit Current	13.70A
Maximun Power Voltage	31.22V
Maximum Power Current	13.06A
Module Efficiency	20.97%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m2, spectrum AM 1.5 and cell temperature of 25°C.

SPECIFICATIONS

|	
Weight	21.5kg
Dimensions	1722mm*1134mm*30mm
Cell Dimensions	182*182mm
Cell Amount	54*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm2, Landscape: N 1100mm/P 1100mm Portrait: N 200mm/P 300mm
Connector	MC4 compatible
Application Level	Class A

TEMPERATURE CHARACTERISTICS

NMOT	41±3°C
Temp Coefficient of VOC	-0.28%/°C
Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of Pmax	-0.36%/°C

CHARACTERISTICS

MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	25A
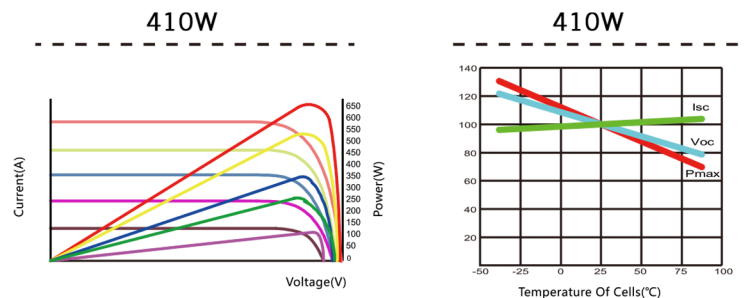
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact *contact@pikcellgroup.mk* for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.