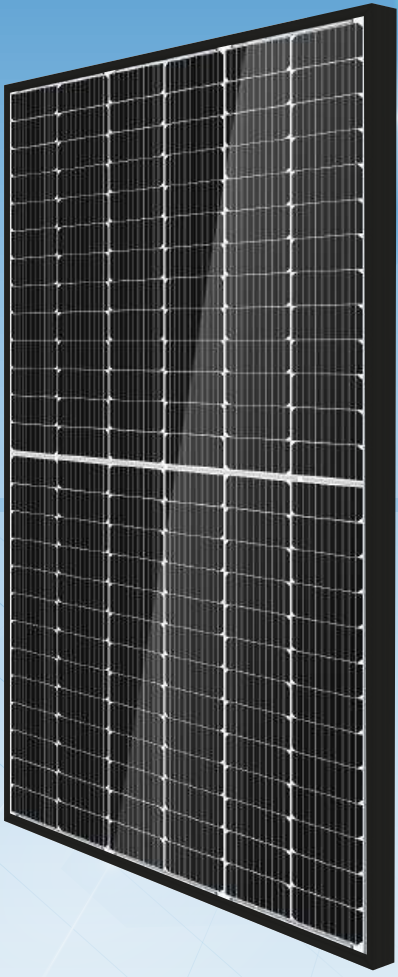


Mono -Half Cell PERC

Power 600W



- No risk of spontaneous detonatuon
- Bifacial Module is 30% lighter than Dual-Glass Module
- Bifacial cells, provide an additional output
- Ability to breath, The inner CH3COOH can be released

MBB Cell
New circuit design N-type cell, can increase the output power of 10W~20W

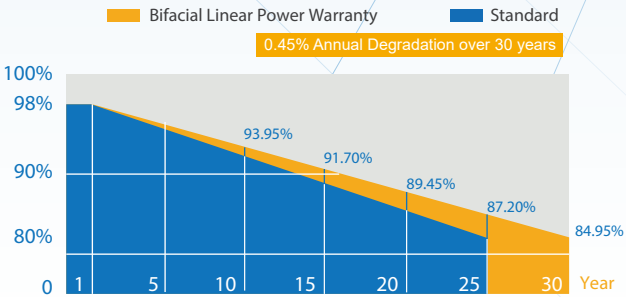
Low Light Features
Higher performance under low light environment.

Bifacial Module
Module adopts 182*182mm half cells, bifacial module provide an additional 5%~25% output.

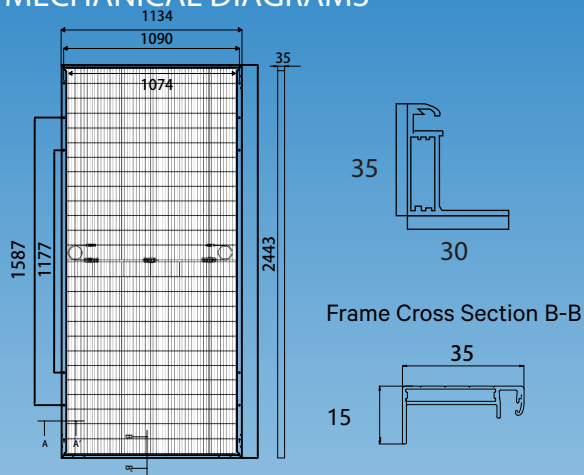
PID Protection
Ensure the attenuation probability caused by PID phenomenon is minimized.

Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by TUV Nord.

Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	29kg
Dimensions	2443mm* 1134mm* 35mm
Cell Dimensions	182*182mm
Cell Amount	78*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy Black Color
Cable	4mm ² . N 300mm/P 300 mm or customized length
Connector	MC4 compatible
Application Level	Class A
Bifaciality	70 ±5%

ELECTRICAL PARAMETERS AT STC

Power	600W
Open Circuit Voltage	54.10V
Short Circuit Current	14.08A
Maximum Power Voltage	45.20V
Maximum Power Current	13.27A
Module Efficiency	21.66%

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

ELECTRICAL PARAMETERS AT NMOT

Power	442W
Open Circuit Voltage	50.60V
Short Circuit Current	11.33A
Maximum Power Voltage	42.20V
Maximum Power Current	10.50A
Module Efficiency	15.95%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

ELECTRICAL PARAMETERS (AT 10% BIFACIAL POWER OUTPUT)

Output Power	660W
Open Circuit Voltage	54.10V
Short Circuit Current	15.49A
Maximum Power Voltage	45.20V
Maximum Power Current	14.60A

TEMPERATURE CHARACTERISTICS

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

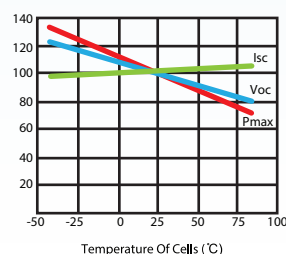
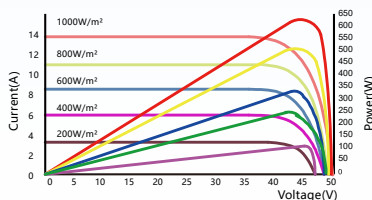
PACKING CONFIGURATION

Modules/Pallet	31 Pieces	Modules/40'Container	558 Pieces
Packing Description	17 Pallets, Total= (31+31)×9=558 Pieces		

CHARACTERISTICS

LP182*182-M-78-MH-600W

LP182*182-M-78-MH-600W



MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	25A

15 YEARS
Quality
Warranty

30 YEARS
Power
Warranty