

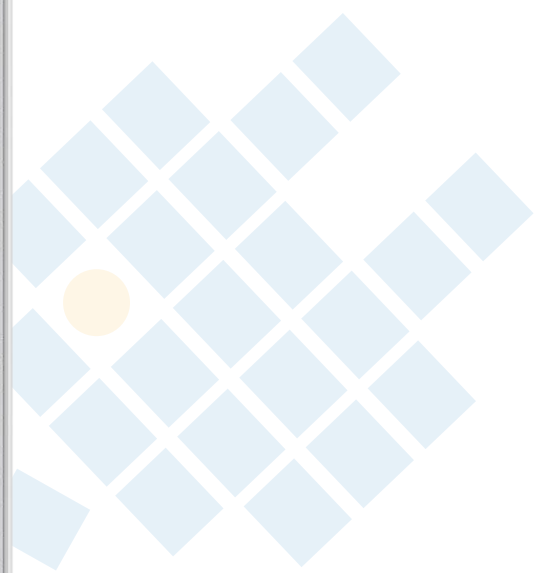


Monofacial

Bifacial

LP182*199-M-66-NH N-Type TOPCon

Rated Power 585W Power Tolerance: 0~+5 W



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



Low Light Features
Higher performance under low light environment.



Higher Output Power
Module adopts 182*199mm half cells, the maximum power can reach 585W.



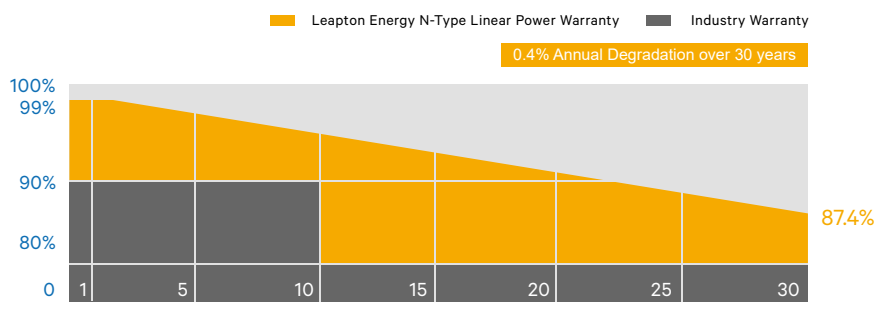
Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.



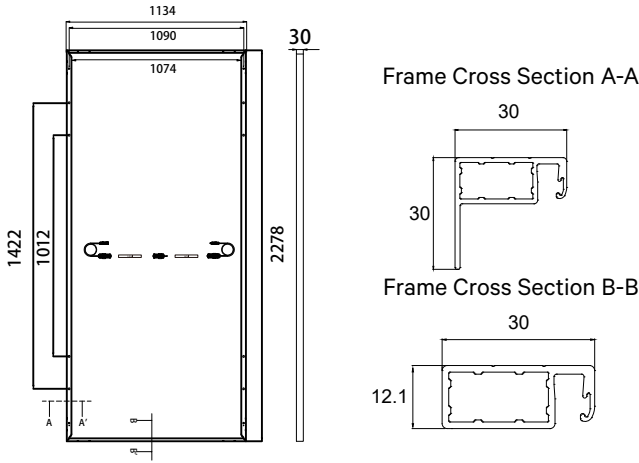
Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by TUV Nord.



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



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	27kg
Dimensions	2278mm*1134mm*30mm
Cell Dimensions	182*199mm
Cell type	Mono Si
Front glass	3.2mm, Heat Strengthened Glass
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , N 1400mm/P 1400mm for Horizontal installation 4mm ² , N 300mm/P 300mm for Vertical installation
Connector	MC4 compatible
Code	EX 959

ELECTRICAL PARAMETERS AT STC

Power	585W
Open Circuit Voltage	48.42V
Short Circuit Current	15.27A
Maximum Power Voltage	40.51V
Maximum Power Current	14.44A
Module Efficiency	22.65%

ELECTRICAL PARAMETERS AT NMOT

Power	440W
Open Circuit Voltage	46.04V
Short Circuit Current	12.25A
Maximum Power Voltage	37.84V
Maximum Power Current	11.63A

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C. * Measuring tolerance: ±3%
 * Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

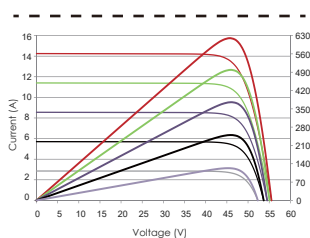
NMOT	41±3°C	Temp Coefficient of ISC	+0.046%/°C
Temp Coefficient of VOC	-0.25%/°C	Temp Coefficient of Pmax	-0.30%/°C

PACKING CONFIGURATION

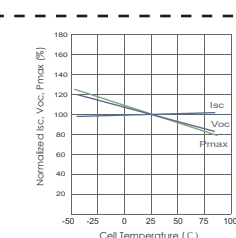
Modules/Pallet	36 Pieces	Modules/40'Container	720 Pieces
Packing Description	20 Pallets, Total=(36+36)x10=720 Pieces		

CHARACTERISTICS

LP182*199-M-66-NH 585W



LP182*199-M-66-NH 585W



MAXIMUM RATING

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



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