



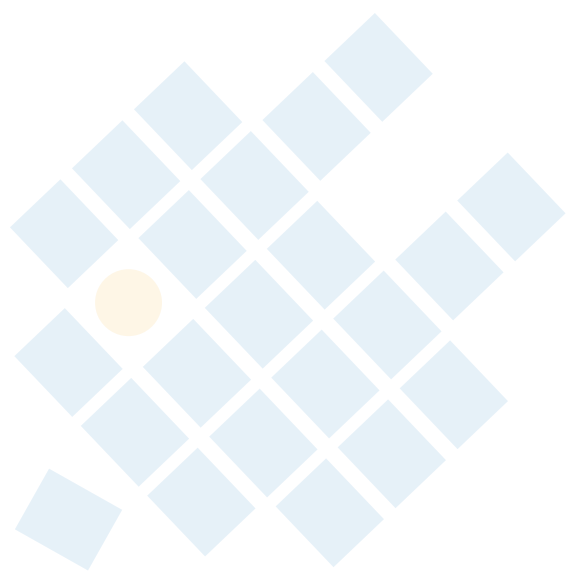
Monofacial

Bifacial

LP182*199-M-72-NB

N-Type Dual Glass

Rated Power 625W



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.



Bifacial with double glass
Module adopts 182*199mm half cells, bifacial module provide an additional 5%~25% output.



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

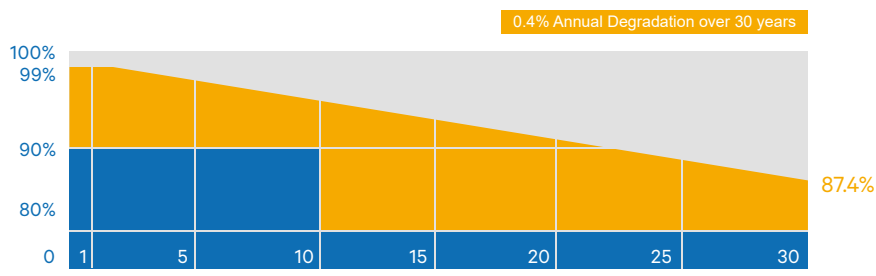


Harsh Environmental Adaptability
Strict salt spray and ammonia corrosion test by TUV Nord.

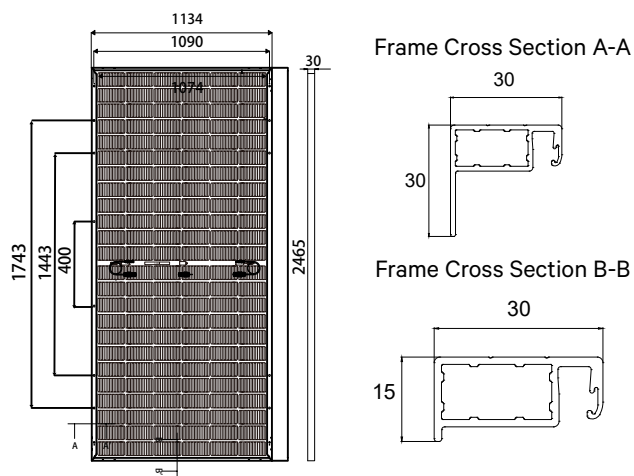


Load Capacity
Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.

■ Leapton Energy N-Type Linear Power Warranty ■ Industry Warranty



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	34.3kg
Dimensions	2465mm*1134mm*30mm
Cell Dimensions	182*199mm
Cell Amount	72*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , N 1500mm/P 1500mm for Horizontal installation 4mm ² , N 300mm/P 300mm for Vertical installation
Connector	MC4 compatible
Application Level	Class A
Ex-tarifario	EX 310

ELECTRICAL PARAMETERS AT STC

Power	625W
Open Circuit Voltage	52.27V
Short Circuit Current	15.16A
Maximum Power Voltage	43.71V
Maximum Power Current	14.30A
Module Efficiency	22.36%

ELECTRICAL PARAMETERS AT NMOT

Power	471W
Open Circuit Voltage	49.69V
Short Circuit Current	12.18A
Maximum Power Voltage	40.75V
Maximum Power Current	11.56A
Module Efficiency	16.85%

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

* 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 (10% BIFACIAL)

Output Power	687W
Open Circuit Voltage	52.29V
Short Circuit Current	16.69A
Maximum Power Voltage	43.68V
Maximum Power Current	15.73A

TEMPERATURE CHARACTERISTICS

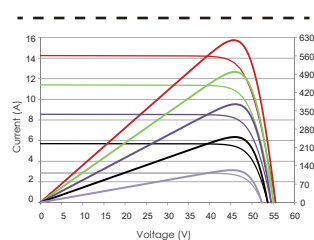
NMOT	41±3°C
Temp Coefficient of VOC	-0.25%/°C
Temp Coefficient of ISC	+0.046%/°C
Temp Coefficient of Pmax	-0.30%/°C

PACKING CONFIGURATION

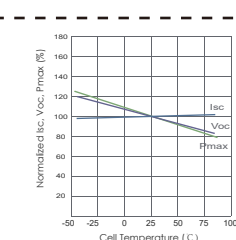
Modules/Pallet	36 Pieces	Modules/40'Container	648 Pieces
Packing Description	18 Pallets, Total=(36+36)x9=648 Pieces		

CHARACTERISTICS

LP182*199-M-72-NB 625W



LP182*199-M-72-NB 625W



MAXIMUM RATING

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

25 YEARS Quality Warranty

30 YEARS Power Warranty

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