



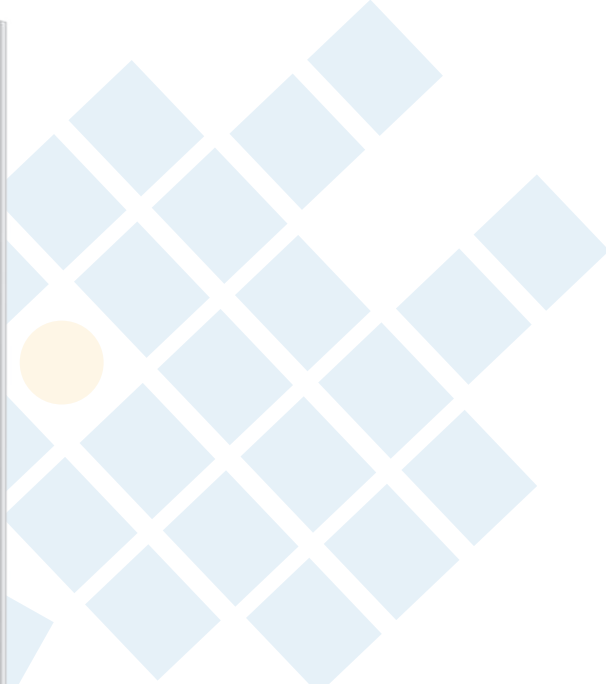
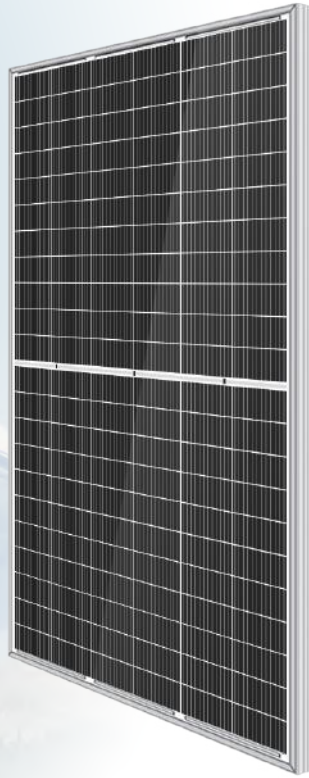
Monofacial

Bifacial

LP210*210-M-66-MB

PERC Dual Glass

Rated Power 670W



MBB Cell
New circuit design, lower internal current, lower internal resistance loss.



Low Light Features
Higher performance under low light environment.



Bifacial with dual glass
Module adopts 210*210mm half cells, bifacial module provide an additional 5%~25% output.



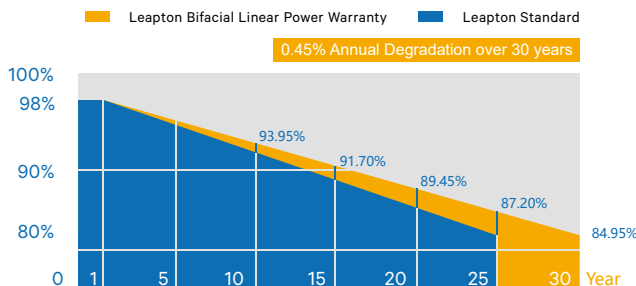
PID Protection
Ensure the attenuation probability caused by PID phenomenon is minimized.



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.



Headquarter : Leapton Energy Co., Ltd.

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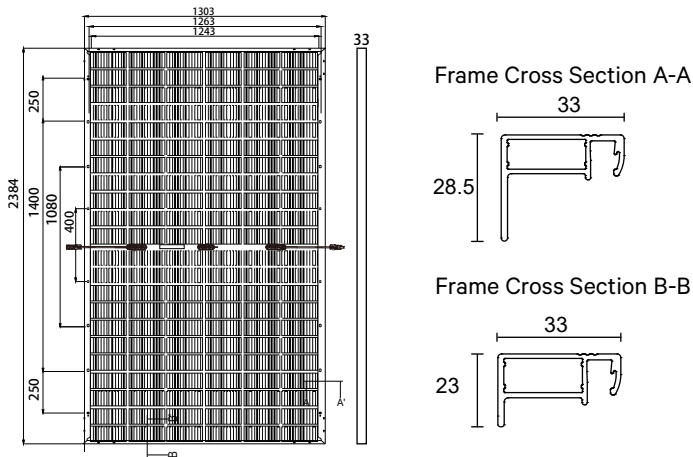
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MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	38kg
Dimensions	2384mm*1303mm*33mm
Cell Dimensions	210*210mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68, 3 diodes
Frame	Aluminum Alloy
Cable	4mm ² , N 1500mm/P 1500mm for Horizontal installation 4mm ² , N 320mm/P 320mm for Vertical installation
Connector	MC4 compatible
Application Level	Class A
Code	EX 635

ELECTRICAL PARAMETERS AT STC

Power	670W
Open Circuit Voltage	46.38V
Short Circuit Current	18.36A
Maximum Power Voltage	38.41V
Maximum Power Current	17.44A
Module Efficiency	21.57%

ELECTRICAL PARAMETERS AT NMOT

Power	507W
Open Circuit Voltage	43.04V
Short Circuit Current	15.06A
Maximum Power Voltage	35.61V
Maximum Power Current	14.23A
Module Efficiency	16.32%

* 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	717W
Open Circuit Voltage	46.38V
Short Circuit Current	19.65A
Maximum Power Voltage	38.41V
Maximum Power Current	18.66A

TEMPERATURE CHARACTERISTICS

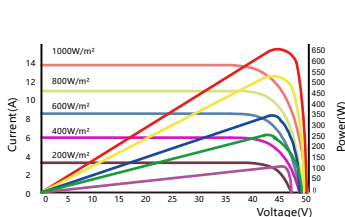
NMOT	41±3°C
Temp Coefficient of VOC	-0.25%/°C
Temp Coefficient of ISC	+0.04%/°C
Temp Coefficient of Pmax	-0.34%/°C

PACKING CONFIGURATION

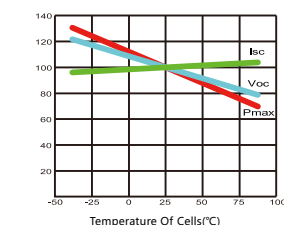
Modules/Pallet	34 Pieces	Modules/40'Container	612 Pieces
Packing Description	18 Pallets, Total=34x18=612 Pieces		

CHARACTERISTICS

LP210*210-M-66-MB-670W



LP210*210-M-66-MB-670W



MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	30A

25 YEARS Quality Warranty

30 YEARS Power Warranty

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