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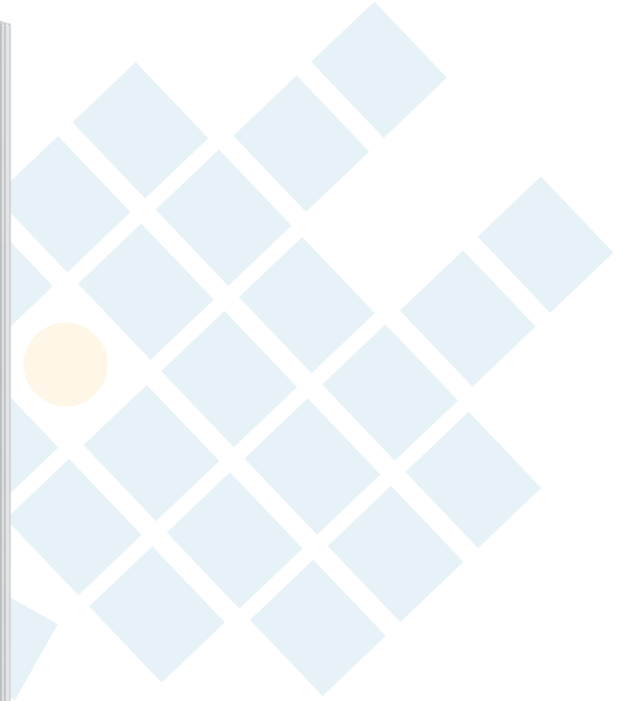
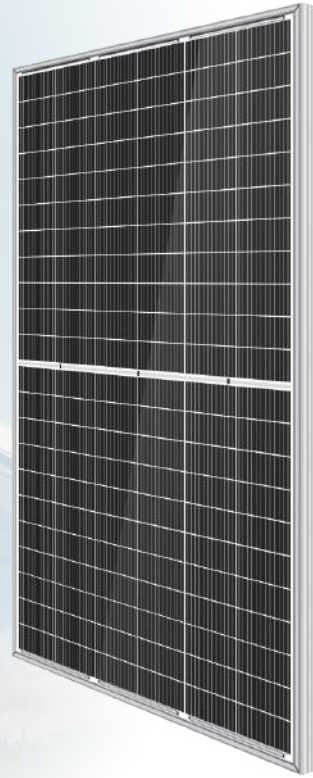
Monofacial

Bifacial

LP210*210-M-66-MB

Rated Power 650-670W

PERC Dual Glass



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.



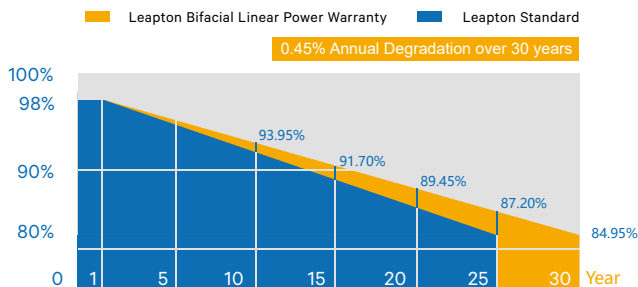
Harsh Environmental Adaptability

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.



IEC 61215-2: 2016
IEC 61730-2: 2016



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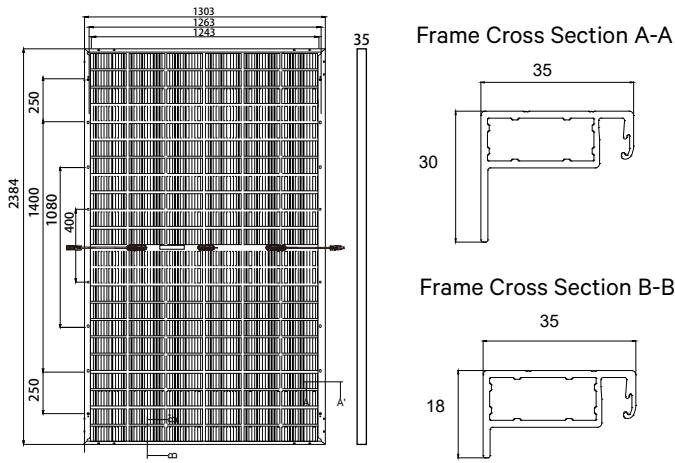
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MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	38kg
Dimensions	2384mm*1303mm*35mm
Cell Dimensions	210*210mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , N 320mm/P 320mm or customized length
Connector	MC4 compatible
Application Level	Class A
Bifaciality	70±5%

ELECTRICAL PARAMETERS AT STC

	650W	655W	660W	665W	670W
Power	650W	655W	660W	665W	670W
Open Circuit Voltage	45.58V	45.78V	45.98V	46.18V	46.38V
Short Circuit Current	18.16A	18.21A	18.26A	18.31A	18.36A
Maximum Power Voltage	37.61V	37.81V	38.01V	38.21V	38.41V
Maximum Power Current	17.28A	17.32A	17.36A	17.40A	17.44A
Module Efficiency	20.92%	21.09%	21.25%	21.41%	21.57%

* 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

	491W	495W	499W	503W	507W
Power	491W	495W	499W	503W	507W
Open Circuit Voltage	42.30V	42.48V	42.67V	42.86V	43.04V
Short Circuit Current	14.89A	14.93A	14.97A	15.01A	15.06A
Maximum Power Voltage	34.86V	35.05V	35.24V	35.42V	35.61V
Maximum Power Current	14.09A	14.13A	14.16A	14.19A	14.23A
Module Efficiency	15.82%	15.94%	16.06%	16.18%	16.32%

* 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)

	696W	701W	706W	711W	716W
Output Power	696W	701W	706W	711W	716W
Open Circuit Voltage	45.58V	45.78V	45.98V	46.18V	46.38V
Short Circuit Current	19.43A	19.48A	19.53A	19.58A	19.63A
Maximum Power Voltage	37.61V	37.81V	38.01V	38.21V	38.41V
Maximum Power Current	18.49A	18.54A	18.59A	18.64A	18.69A

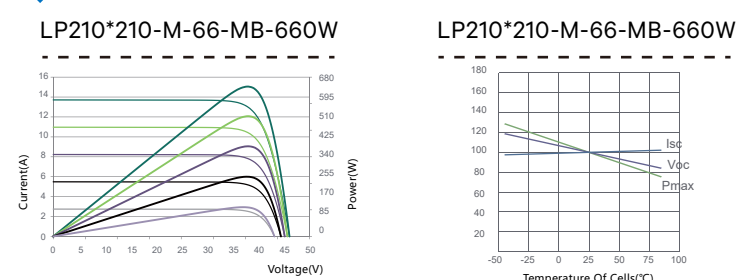
TEMPERATURE CHARACTERISTICS

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

PACKING CONFIGURATION

Modules/Pallet	32 Pieces	Modules/40'Container	576 Pieces
Packing Description	18 Pallets, Total=(32+32)x9=576 Pieces		

CHARACTERISTICS



MAXIMUM RATING

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

15 YEARS Quality Warranty

30 YEARS Power Warranty

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