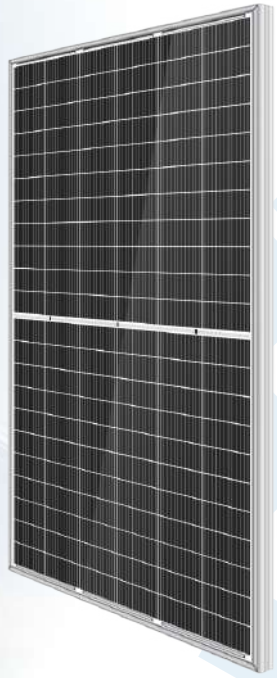
2026 V2

LEAPTON SOLAR

Monofacial | Bifacial

LP210*210-M-66-NB N-Type TOPCon Dual Glass

Rated Power 700-740W



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

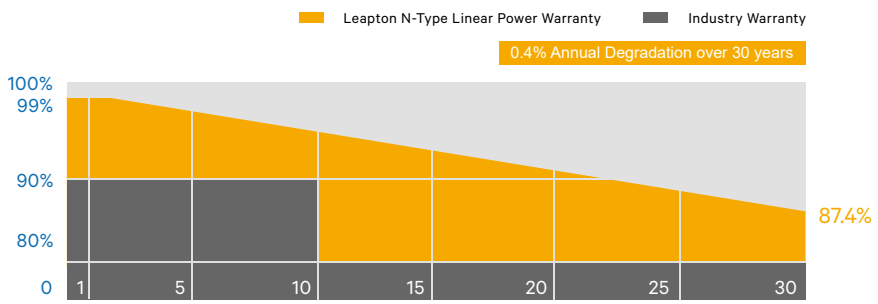
Low Light Features
Higher performance under low light environment.

Bifacial With 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.



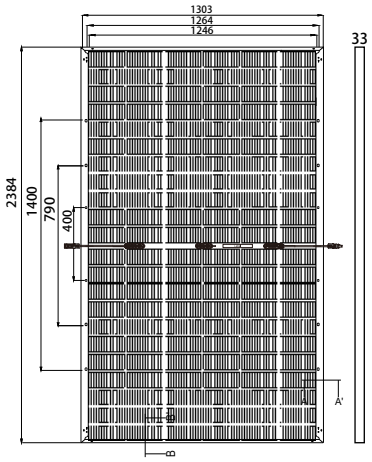
Headquarter : Leapton Energy Co., Ltd.
Tosei Bldg. 6F, 1-2-1 Aioi-cho, Chuo-ku Kobe-shi, Hyogo, 650-0025, Japan
+81-78-382-3182
www.leaptonenergy.jp

Manufacturer : Leapton Solar (Changshu) Co., Ltd.
No.9, Sunshine Avenue, Changshu City, Jiangsu, China
+86-512-88800068
info@leaptonenergy.com
www.leaptonpv.com

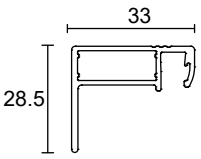
Leapton Energy Co., Ltd.

2026 V2

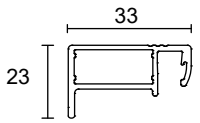
MECHANICAL DIAGRAMS



Frame Cross Section A-A



Frame Cross Section B-B



SPECIFICATIONS

Weight	37.5kg
Dimensions	2384mm*1303mm*33mm
Cell Dimensions	210*210mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Front glass	2.0mm, Anti-Reflection Coating
Back galss	2.0mm, Heat Strengthened Glass
Frame	Aluminum Alloy
Cable	$4mm^2$, N 1400mm/P 1400mm for Horizontal installation $4mm^2$, N 320mm/P 320mm for Vertical installation
Connector	MC4 compatible
Bifaciality	80±5%

ELECTRICAL PARAMETERS AT STC

Power	700W	705W	710W	715W	720W	725W	730W	735W	740W
Open Circuit Voltage	48.20V	48.40V	48.60V	48.80V	49.00V	49.20V	49.40V	49.60V	49.80V
Short Circuit Current	18.48A	18.52A	18.57A	18.61A	18.65A	18.70A	18.74A	18.79A	18.83A
Maximun Power Voltage	40.20V	40.40V	40.60V	40.80V	41.00V	41.20V	41.41V	41.60V	41.81V
Maximum Power Current	17.41A	17.45A	17.49A	17.52A	17.56A	17.60A	17.63A	17.67A	17.70A
Module Efficiency	22.53%	22.70%	22.86%	23.02%	23.18%	23.34%	23.50%	23.66%	23.82%

* 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	534W	538W	541W	545W	549W	553W	557W	560W	564W
Open Circuit Voltage	45.75V	45.95V	46.15V	46.35V	46.55V	46.75V	46.95V	47.15V	47.35V
Short Circuit Current	14.82A	14.86A	14.91A	14.94A	14.97A	15.01A	15.05A	15.09A	15.12A
Maximun Power Voltage	38.00V	38.20V	38.35V	38.55V	38.75V	38.95V	39.15V	39.35V	39.55V
Maximum Power Current	14.05A	14.08A	14.11A	14.14A	14.17A	14.20A	14.23A	14.23A	14.26A

* 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	770W	776W	781W	787W	792W	798W	803W	809W	814W
Open Circuit Voltage	48.20V	48.40V	48.60V	48.80V	49.00V	49.20V	49.40V	49.60V	49.80V
Short Circuit Current	20.27A	20.33A	20.37A	20.43A	20.47A	20.53A	20.57A	20.63A	20.66A
Maximun Power Voltage	40.20V	40.40V	40.60V	40.80V	41.00V	41.20V	41.41V	41.60V	41.81V
Maximum Power Current	19.15A	19.21A	19.24A	19.29A	19.32A	19.37A	19.39A	19.45A	19.47A

TEMPERATURE CHARACTERISTICS

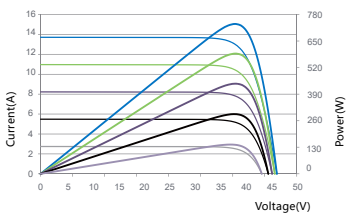
NMOT	41±3°C	Temp Coefficient of ISC	+0.046%/°C
Temp Coefficient of VOC	-0.25%/°C	Temp Coefficient of Pmax	-0.30%/°C

PACKING CONFIGURATION

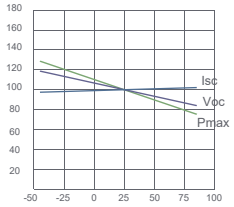
Modules/Pallet	34 Pieces	Modules/40'Container	612 Pieces
Packing Description	18 Pallets, Total=34x18=612 Pieces		

CHARACTERISTICS

LP210*210-M-66-NB-710W



LP210*210-M-66-NB-710W



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

Headquarter : Leapton Energy Co., Ltd.
Tosei Bldg. 6F, 1-2-1 Aioi-cho, Chuo-ku Kobe-shi, Hyogo, 650-0025, Japan
+81-78-382-3182
www.leaptonenergy.jp
Manufacturer : Leapton Solar (Changshu) Co., Ltd.
No.9, Sunshine Avenue, Changshu City, Jiangsu, China
+86-512-88800068
info@leaptonenergy.com
www.leaptonpv.com

Leapton Energy Co., Ltd.