



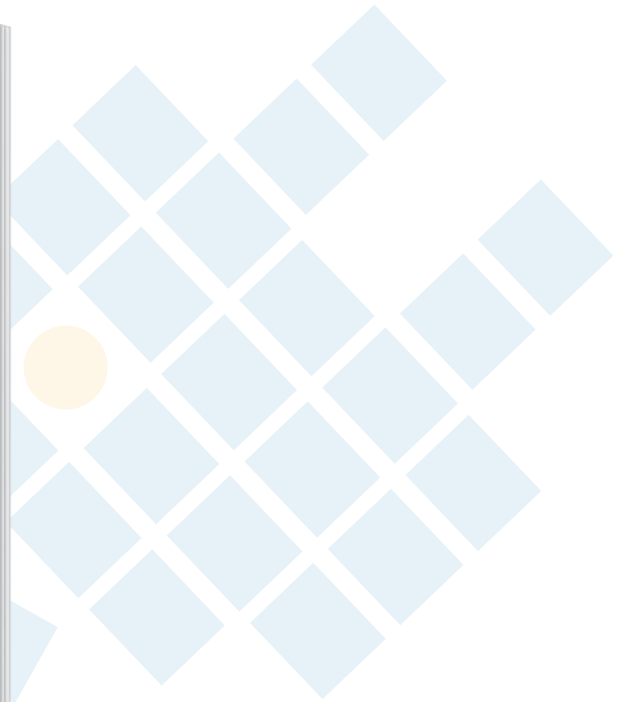
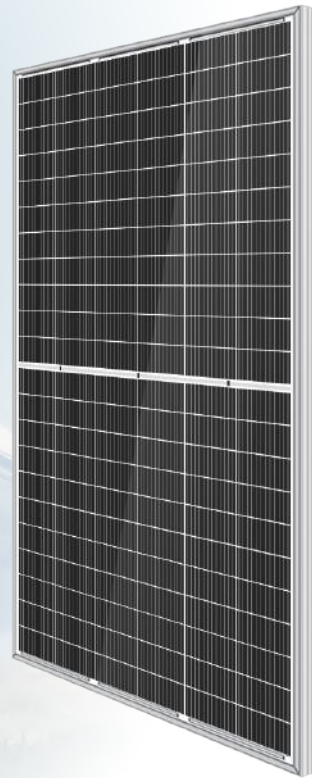
LEAPTON
SOLAR

Monocrystalline

Polycrystalline

LP210*210-M-66-MH

Rated Power 650-670W



MBB Cell

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



Low Light Features

Higher performance under low light environment.



Higher Output Power

Module adopts 132 pcs of 210*210mm half cells, the maximum power can reach 670W.



PID Protection

Ensure the attenuation probability caused by PID phenomenon is minimized.



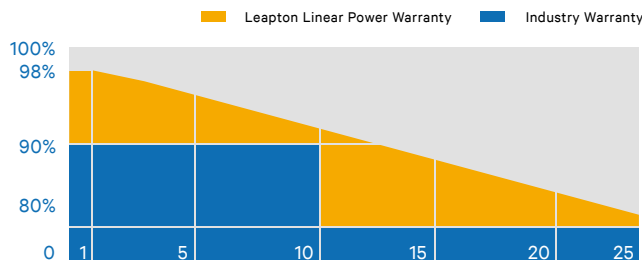
Harsh Environmental Adaptability

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.



*J-PEC Product



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

Headquarter : Leapton Energy Co., Ltd.

Tosei Bldg. 6F, 1-2-1 Aioi-cho, Chuo-ku Kobe-shi, Hyogo, 650-0025, Japan

Manufacturer : Leapton Solar (Changshu) Co., Ltd.

No.9, Sunshine Avenue, Changshu City, Jiangsu, China

+81-78-382-3182

www.leaptonenergy.jp

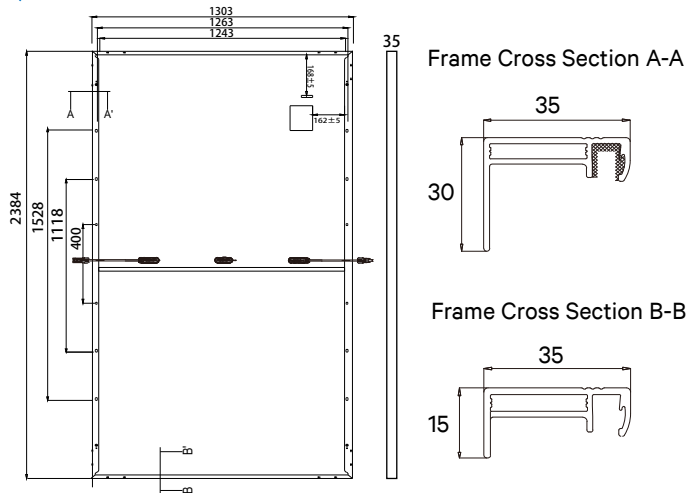
+86-512-88800068

info@leaptonenergy.com

www.leaptonpv.com



MECHANICAL DIAGRAMS



SPECIFICATIONS

| | |
|------------------------|--|
| Weight | 34kg |
| 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 , Landscape: N 1500mm/P 1500mm Portrait: N 280mm/P 280mm |
| Connector | MC4 compatible |
| Application Level | Class A |

ELECTRICAL PARAMETERS AT STC

| 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

| 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.

TEMPERATURE CHARACTERISTICS

| | | | |
|-------------------------|-----------|--------------------------|-----------|
| NMOT | 41±3°C | Temp Coefficient of ISC | +0.05%/°C |
| Temp Coefficient of VOC | -0.28%/°C | Temp Coefficient of Pmax | -0.36%/°C |

PACKING CONFIGURATION

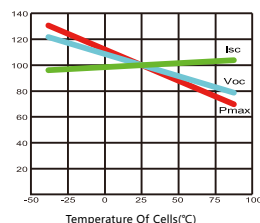
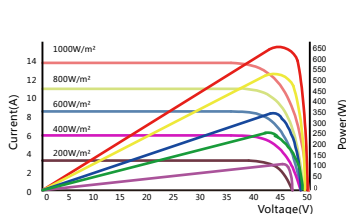
| | | | |
|----------------|-----------|----------------------|------------|
| Modules/Pallet | 31 Pieces | Modules/40'Container | 558 Pieces |
|----------------|-----------|----------------------|------------|

Packing Description 18 Pallets, Total=31x18=558 Pieces

CHARACTERISTICS

LP210*210-M-66-MH-650W

LP210*210-M-66-MH-650W



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

25 YEARS
Power
Warranty

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