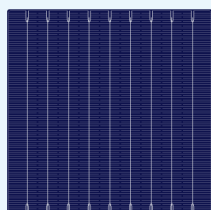
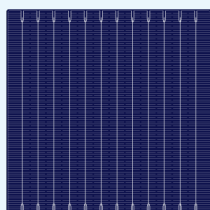


# 320-340 Watt LS-P72

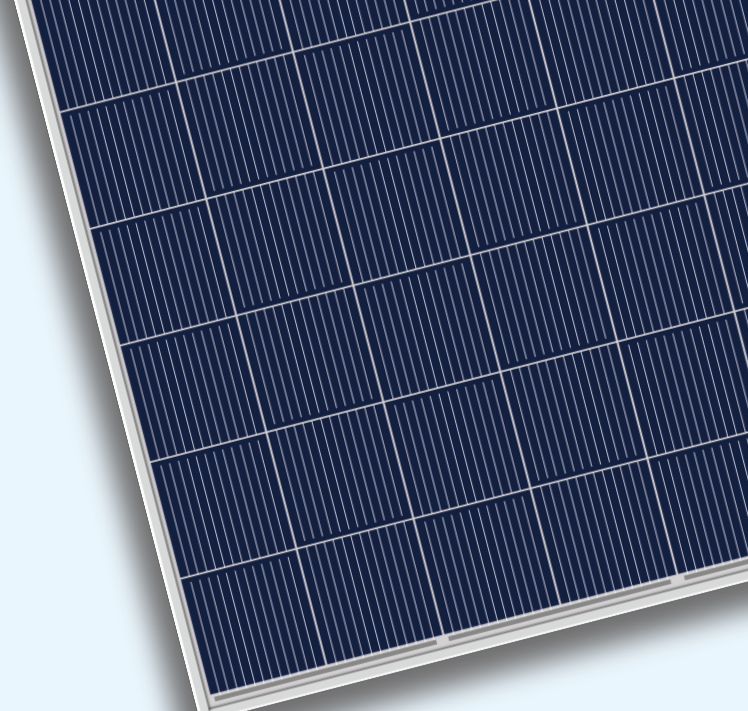
## Full-Cell MBB POLY MODULE



9BB



12BB



## KEY FEATURES



### Multi Busbar Solar Cell

Stronger current collection ability, Special circuit design with much lower hot spot temperature;



### Module efficiency up to 17.52%

Higher power brings lower kilowatt-hour cost, higher lifetime generating capacity, simultaneously lower annual power attenuation;



### PID Resistant

Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;



### Low-Light Performance

Excellent power generation performance under Low-Light condition due to multi busbar;



### Anti-Crack

Excellent anti-microcracking performance with more balanced interior stress;

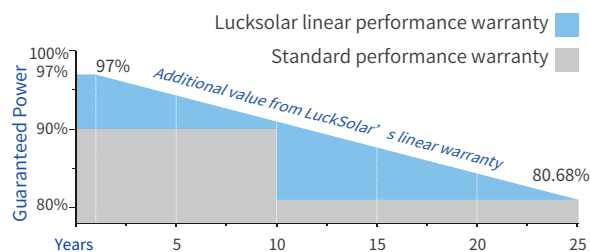


### Strength and Durability

Certified for 5400Pa snow and 2400Pa loads test;

## Linear Performance Warranty

12 Years Product Warranty · 25 Years Linear Power Warranty



## Product And Quality Certifications

ISO 9001:2008

ISO 14001:2004

OHSAS 18001:2007



HQ: No.99, Longxi Avenue, Zhulin Town, Jintan District, Changzhou. Division: No.16, Zhouzhuang Technology Park, Jiepai Town, Binhai County, Yancheng.

Luck Solar is the world's leading green energy provider, committed to making clean energy illuminate every corner of the world. We strive to provide high-efficiency, high-quality and low-cost clean energy solutions. Luck Solar insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world.

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## ELECTRICAL SPECIFICATIONS

| Module Type                   | LS-P72-320 |      | LS-P72-325 |      | LS-P72-330 |      | LS-P72-335 |      | LS-P72-340 |      |
|-------------------------------|------------|------|------------|------|------------|------|------------|------|------------|------|
|                               | STC        | NOCT | STC        | NOCT | STC        | NOCT | STC        | NOCT | STC        | NOCT |
| Testing Condition             | STC        | NOCT | STC        | NOCT | STC        | NOCT | STC        | NOCT | STC        | NOCT |
| Rated output (Pmp/Wp)         | 320        | 237  | 325        | 241  | 330        | 245  | 335        | 249  | 340        | 253  |
| Rated voltage (Vmp/V)         | 37.4       | 34.7 | 37.6       | 35.0 | 37.8       | 35.3 | 38.0       | 35.6 | 38.2       | 35.9 |
| Rated current (Imp/A)         | 8.56       | 6.83 | 8.66       | 6.89 | 8.74       | 6.94 | 8.82       | 6.99 | 8.91       | 7.05 |
| Open circuit voltage (Voc/V)  | 46.4       | 43.0 | 46.7       | 43.3 | 46.9       | 43.6 | 47.2       | 43.8 | 47.5       | 44.0 |
| Short circuit current (Isc/A) | 9.05       | 7.35 | 9.10       | 7.40 | 9.14       | 7.45 | 9.18       | 7.52 | 9.22       | 7.98 |
| Module efficiency (%)         | 16.49%     |      | 16.75%     |      | 17.01%     |      | 17.26%     |      | 17.52%     |      |
| Power Tolerance (W)           | 0~+5       |      | 0~+5       |      | 0~+5       |      | 0~+5       |      | 0~+5       |      |

Standard Test Condition(STC): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM1.5

Nominal Operating Cell Temperature(NOCT): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

## TEMPERATURE CHARACTERISTICS

|                                |           |
|--------------------------------|-----------|
| NOCT Temperature               | 45°C ±2°C |
| Temperature Coefficient (Pmax) | -0.39%/°C |
| Temperature Coefficient (Voc)  | -0.30%/°C |
| Temperature Coefficient (Isc)  | 0.06%/°C  |

## MAXIMUM RATINGS

|                              |               |
|------------------------------|---------------|
| Maximum system voltage (IEC) | 1500V DC      |
| Snow/Wind                    | 5400Pa/2400Pa |
| Operating Temperature        | -40°C ~ +85°C |
| Maximum series fuse rating   | 20A           |

## MECHANICAL SPECIFICATIONS

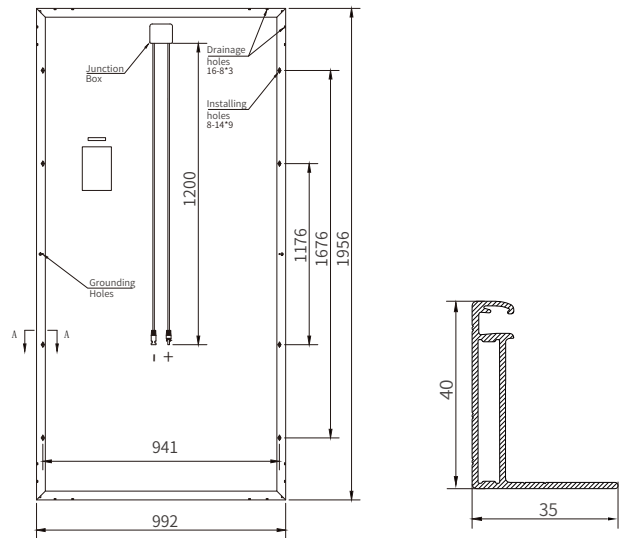
|                |  |
|----------------|--|
| Cell Type      | 12BB/9BB POLY 156.75×156.75mm              |
| No. of Cells   | 72 (6×12)                                  |
| Dimensions     | 1956×992×40mm                              |
| Weight         | 22.5kg                                     |
| Glass          | 3.2mm, Low Iron Tempered Glass             |
| Frame          | Anodized Aluminium Alloy (silver or black) |
| Junction Box   | IP67/IP68, 3 diodes                        |
| Output Cables  | 4mm <sup>2</sup> , Length 1200mm           |
| Connector type | MC4 compatible                             |

## PACKING CONFIGURATIONS

|                      |         |
|----------------------|---------|
| Per Pallet           | 27 Pcs  |
| Per 20' GP Container | 270 Pcs |
| Per 40' HQ Container | 638 Pcs |

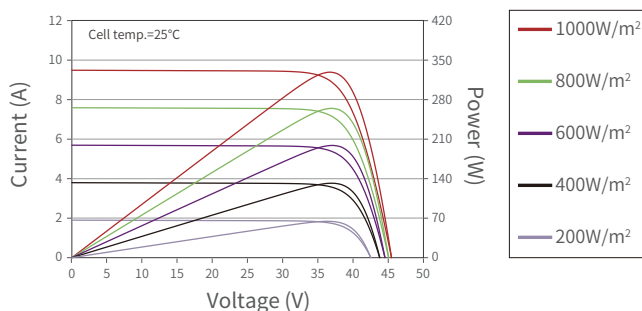
## ENGINEERING DRAWINGS

### Engineering Drawings



## CURVE & TEMPERATURE DEPENDENCE

### I-V CURVE (330W)



### Current-Voltage curves (330W)

