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*Powering Possibilities*

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# PLM-720DH2N-132

**N-type Half-cell  
Bifacial Module**

Power Range 700W-720W



**High Power Output  
Low LCOE**



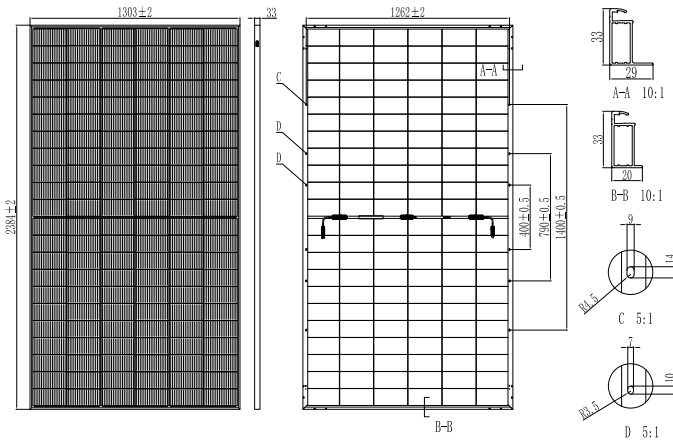
**Maximum Power  
720W+**







### Drawings (Unit: mm)



### Electrical Characteristics (STC)

|                                   |       |       |       |       |       |
|-----------------------------------|-------|-------|-------|-------|-------|
| Maximum Power: Pmax [W]           | 700   | 705   | 710   | 715   | 720   |
| Open Circuit Voltage: Voc [V]     | 48.60 | 48.77 | 48.94 | 49.11 | 49.28 |
| Short Circuit Current: Isc [A]    | 18.35 | 18.40 | 18.45 | 18.50 | 18.55 |
| Voltage at Maximum Power: Vmp [V] | 40.35 | 40.52 | 40.69 | 40.86 | 41.03 |
| Current at Maximum Power: Imp [A] | 17.35 | 17.40 | 17.45 | 17.50 | 17.55 |
| Module Efficiency: $\eta$ [%]     | 22.53 | 22.69 | 22.85 | 23.01 | 23.17 |

### Electrical Characteristics (NMOT)

|                                   |       |       |       |       |       |
|-----------------------------------|-------|-------|-------|-------|-------|
| Maximum Power: Pmax [W]           | 526   | 530   | 534   | 538   | 541   |
| Open Circuit Voltage: Voc [V]     | 46.17 | 46.33 | 46.49 | 46.65 | 46.82 |
| Short Circuit Current: Isc [A]    | 14.82 | 14.86 | 14.90 | 14.94 | 14.98 |
| Voltage at Maximum Power: Vmp [V] | 37.55 | 37.73 | 37.90 | 38.08 | 38.18 |
| Current at Maximum Power: Imp [A] | 14.01 | 14.05 | 14.09 | 14.13 | 14.17 |

\*STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass1.5, Measuring Tolerance:  $\pm 3\%$

\*NMOT: Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass1.5, Wind Speed 1m/s

### Electrical Properties (BSTC\*) Bifacial gain > 10%

|                               |       |       |       |       |       |
|-------------------------------|-------|-------|-------|-------|-------|
| Power Output [Wp]             | 772.7 | 778.4 | 783.7 | 789.4 | 794.8 |
| Voltage Mpp-Vmpp [V]          | 40.35 | 40.52 | 40.69 | 40.86 | 41.03 |
| Current Mpp-Imp [A]           | 19.15 | 19.21 | 19.26 | 19.32 | 19.37 |
| Voltage Open Circuit-Voc [V]  | 48.60 | 48.77 | 48.94 | 49.11 | 49.28 |
| Short Circuit Current-Isc [A] | 20.26 | 20.31 | 20.37 | 20.42 | 20.48 |
| Module Efficiency [%]         | 24.87 | 25.05 | 25.22 | 25.41 | 25.58 |

\*BSTC: Front side irradiance 1000W/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, ambient temperature 25°C

\*Bifaciality=Pmax, rear/Rated Pmax, front

### Temperature Parameters

|                                |              |
|--------------------------------|--------------|
| Temperature Coefficient (Pmax) | -0.30%/°C    |
| Temperature Coefficient (Voc)  | -0.25%/°C    |
| Temperature Coefficient (Isc)  | +0.046%/°C   |
| NMOT                           | 45 $\pm$ 2°C |

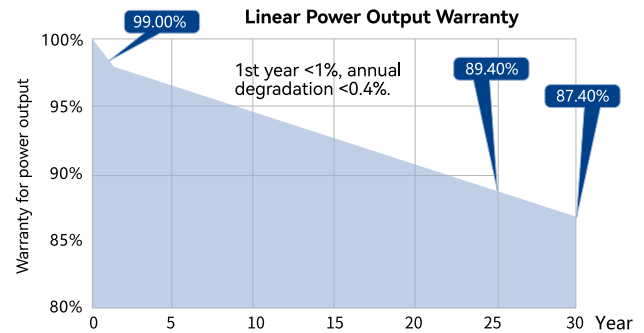
### Maximum Ratings

|                            |             |
|----------------------------|-------------|
| Operational Temperature    | -40°C~+85°C |
| Maximum System Voltage     | 1500V DC    |
| Maximum Series Fuse Rating | 35A         |
| Power Output Tolerance     | $\pm 3\%$   |
| Maximum Bifaciality        | 80 $\pm$ 5% |

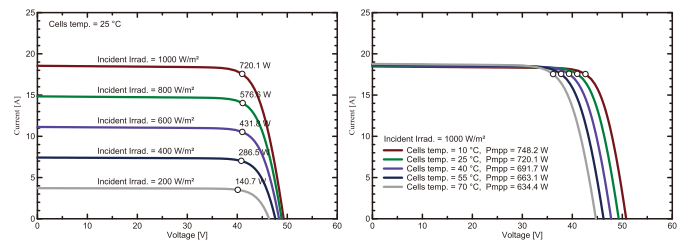
### Mechanical Parameters

|                  |                                                  |
|------------------|--------------------------------------------------|
| Cells            | TNC (N Type Monocrystalline Cell)                |
| Cell Orientation | 132[6X22]                                        |
| Dimension        | 2384 $\pm$ 2 X 1303 $\pm$ 2 x 33mm               |
| Weight           | 37.9kg                                           |
| Front Glass      | 2.0mm high transmittance, AR semi-tempered glass |
| Rear Glass       | 2.0mm semi-tempered glass                        |
| Frame            | Anodized aluminum alloy frame                    |
| Junction Box     | IP68, 3 diodes                                   |
| Output Cable     | 4.0mm <sup>2</sup>                               |
| Cable Length     | +400mm,-200mm,length can be customized           |
| Wind / Snow Load | 2400Pa/5400Pa                                    |
| Packaging        | 33pcs per pallet, 594pcs per 40'HC               |

### Warranty



### I-V Curve



### Certifications

#### Quality Management System and Product Certification

ISO 9001:2015 / quality management system  
ISO 14001:2015 / environmental management system  
ISO 45001:2018 / occupation health safety management system  
IEC 61215/61730



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