



Silver Series

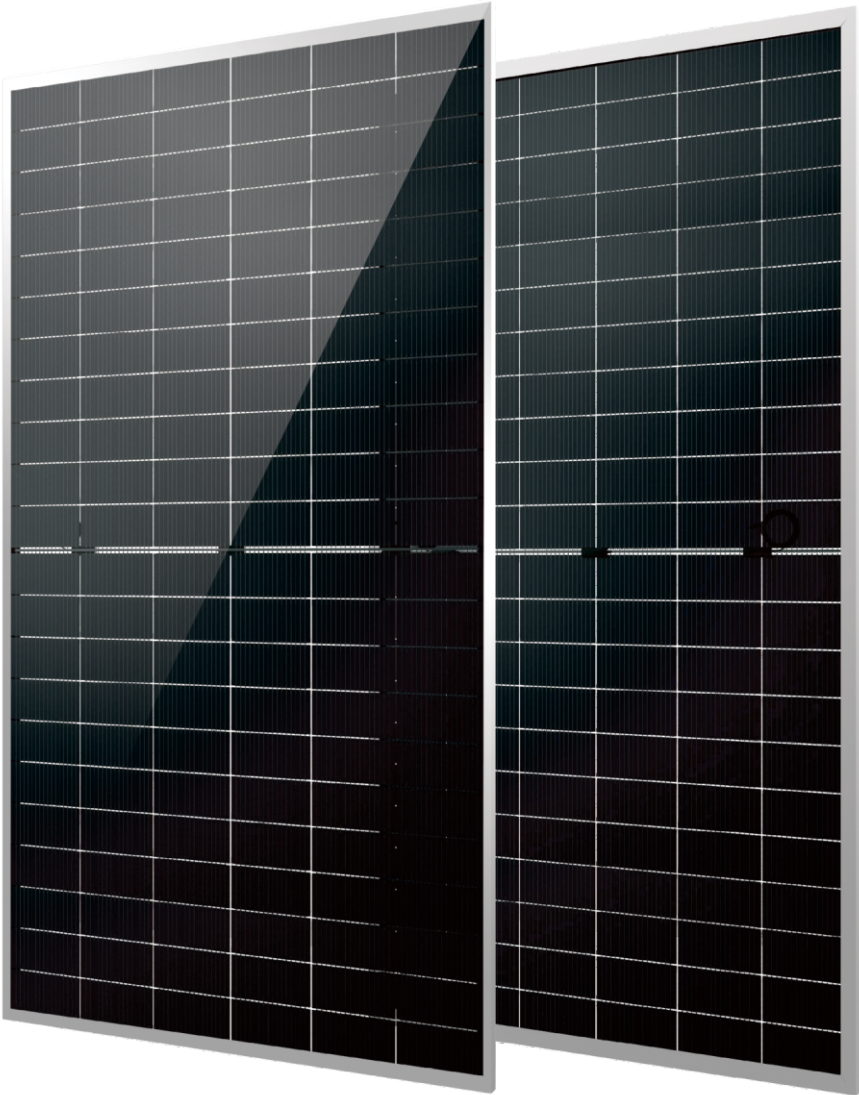
# DH-Eagle Pro-66HD

Product Range

## 695-720W

N-Type Bifacial

Double Glass High Efficiency



720W

Maximum Power Output

0~+5W

Positive Power Tolerance

23.20%

Maximum Efficiency

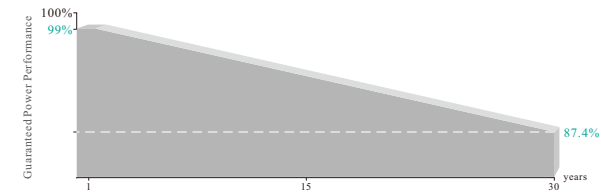
 **Linear Performance Warranty**

10 Year Product Warranty

30 Year Linear Power Warranty

<1% First year Power Degradation

<0.4% Year 2-30 Power Degradation



 **Certifications**

Quality Management System and Product Certification.

IEC61215(2021), IEC61730(2023), IEC61701

IEC61215-2(bifacial): 2021

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational health and safety management systems



 **MBB Half-Cut Solar Cell**

210x105mm,132 cells.

 **High Power up to 720W**

Higher module output up to 720W with module efficiency up to 23.20%.

 **Transparent Dual-glass Design**

Excellent fire rating, with better temperature co-efficiency.

 **Universal Solution For Residential And C&l Rooftops**

Perfect size and low weight for handling and installation.

## 210mm SERIES, 66-CELL HALF-CUT SERIES

### ELECTRICAL PARAMETERS AT STC

|                                                  |                        |        |        |        |        |        |
|--------------------------------------------------|------------------------|--------|--------|--------|--------|--------|
| Module Type: DH-Eagle Pro-66HD                   | 695M                   | 700M   | 705M   | 710M   | 715M   | 720M   |
| Maximum Power(Wp)                                | 695W                   | 700W   | 705W   | 710W   | 715W   | 720W   |
| Open Circuit Voltage(Voc)                        | 48.43V                 | 48.60V | 48.77V | 48.94V | 49.11V | 49.24V |
| Short Circuit Current(Isc)                       | 18.30A                 | 18.35A | 18.40A | 18.45A | 18.50A | 18.55A |
| Maximum Power Voltage(Vm)                        | 40.18V                 | 40.35V | 40.52V | 40.69V | 40.86V | 41.03V |
| Maximum Power Current(Im)                        | 17.30A                 | 17.35A | 17.40A | 17.45A | 17.50A | 17.55A |
| Module Efficiency                                | 22.39%                 | 22.55% | 22.71% | 22.88% | 23.04% | 23.20% |
| Maximum Series Fuse                              | 30A                    |        |        |        |        |        |
| Watts Positive Tolerance                         | 0~+5W                  |        |        |        |        |        |
| Number Of Diode                                  | 3                      |        |        |        |        |        |
| Standard Test Conditions                         | 1000W/M²,25℃, AM1.5    |        |        |        |        |        |
| Maximum System Voltage                           | 1500V/DC               |        |        |        |        |        |
| Temperature-Coefficient Isc                      | +0.035%/℃              |        |        |        |        |        |
| Temperature-Coefficient Voc                      | -0.259%/℃              |        |        |        |        |        |
| Temperature-Coefficient Pmpp                     | -0.357%/℃              |        |        |        |        |        |
| Operating Temperature                            | -40℃...+85℃            |        |        |        |        |        |
| Normal Operating Cell Temperature                | 45±2℃                  |        |        |        |        |        |
| Load Capacity For The Cover OfThe Module (Glass) | 5400Pa(IEC61215)(snow) |        |        |        |        |        |
| Load Capacity For The Front & Back OfThe Module  | 2400Pa(IEC61215)(wind) |        |        |        |        |        |

### BNPI (1000w/m² + 135w/m²)

|                                |        |        |        |        |        |        |
|--------------------------------|--------|--------|--------|--------|--------|--------|
| Module Type: DH-Eagle Pro-66HD | 695M   | 700M   | 705M   | 710M   | 715M   | 720M   |
| Maximum Power(Wp)              | 765W   | 770W   | 776W   | 781W   | 787W   | 792W   |
| Open Circuit Voltage(Voc)      | 48.43V | 48.60V | 48.77V | 48.94V | 49.11V | 49.24V |
| Short Circuit Current(Isc)     | 20.14A | 20.19A | 20.25A | 20.30A | 20.36A | 20.40A |
| Maximum Power Voltage(Vm)      | 40.18V | 40.35V | 40.53V | 40.70V | 40.87V | 41.04V |
| Maximum Power Current(Im)      | 19.04A | 19.09A | 19.15A | 19.19A | 19.26A | 19.30A |

### BSI (1000w/m² + 300w/m² )

|                                |        |        |        |        |        |        |
|--------------------------------|--------|--------|--------|--------|--------|--------|
| Module Type: DH-Eagle Pro-66HD | 695M   | 700M   | 705M   | 710M   | 715M   | 720M   |
| Maximum Power(Wp)              | 855W   | 861W   | 867W   | 873W   | 879W   | 886W   |
| Open Circuit Voltage(Voc)      | 48.44V | 48.61V | 48.79V | 48.96V | 49.13V | 49.25V |
| Short Circuit Current(Isc)     | 22.51A | 22.57A | 22.63A | 22.69A | 22.76A | 22.82A |
| Maximum Power Voltage(Vm)      | 40.19V | 40.36V | 40.54V | 40.71V | 40.88V | 41.04V |
| Maximum Power Current(Im)      | 21.27A | 21.33A | 21.39A | 21.45A | 21.52A | 21.58A |

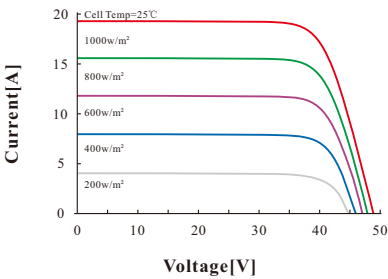
### MECHANICAL CHARACTERISTICS

|                                         |                                                                                |
|-----------------------------------------|--------------------------------------------------------------------------------|
| Front Glass                             | 2.0mm high transmittance, AR semi-tempered glass                               |
| Rear Glass                              | 2.0mm semi-tempered glass                                                      |
| Cell (Quantity / Material / Dimensions) | 132(6x11x2) / monocrystalline silicon                                          |
| Frame (Material / Color)                | aluminum hollow-chamber frame on each side<br>anodized aluminum alloy / silver |
| Junction Box (Protection Degree)        | ≥IP68                                                                          |
| Cables & Plug Connectors                | 4mm², 300mm in length,length can be customized                                 |
| Module Dimensions (L / W / H)           | 2384(±2)×1303(±2)×30/33/35mm                                                   |
| Module Weight                           | 37.2kg / 37.7kg / 38kg                                                         |
| Application Class                       | Class A                                                                        |
| Electrical Protection Class             | Class II                                                                       |
| Fire Safety Class                       | Class A                                                                        |

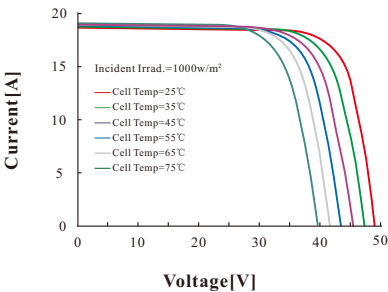
### PACKING

| Container Size | Units/Pallet (PCS) | Weight/Pallet (KG) | Pallet Measurement (mm) | Units/Container (PCS) |
|----------------|--------------------|--------------------|-------------------------|-----------------------|
| 40HQ           | 36 (30mm)          | 1380               | 1320x1120x2515          | 648                   |
|                | 33 (33mm)          | 1280               | 1320x1120x2515          | 594                   |
|                | 31 (35mm)          | 1085               | 1320x1120x2515          | 558                   |

### CURRENT-VOLTAGE CURVES:



Module characteristics at constant module temperatures of 25℃ and variable levels of irradiance



Module characteristics at variable module temperatures and constant module irradiance of 1000 W/m²

### MODULE DIAGRAM:

