



Silver Series

DH Pro-72HD

Product Range

575-600W

N-Type Rectangle Bifacial

Double Glass

600W

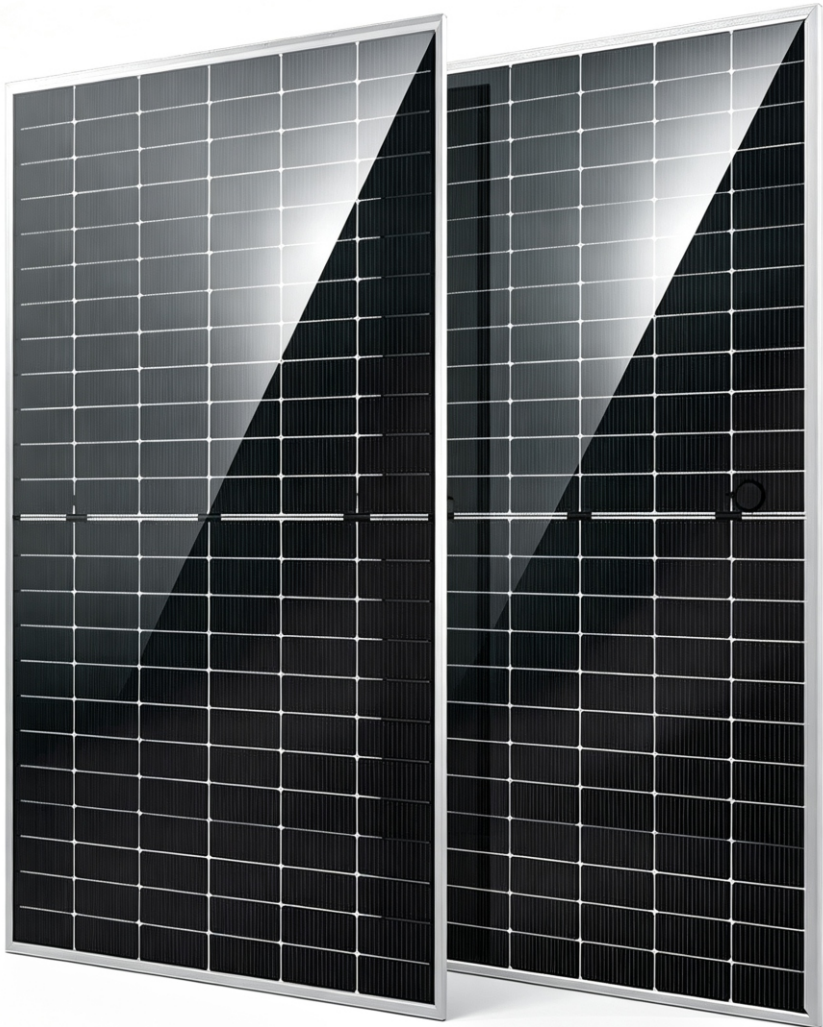
Maximum Power Output

0~+5W

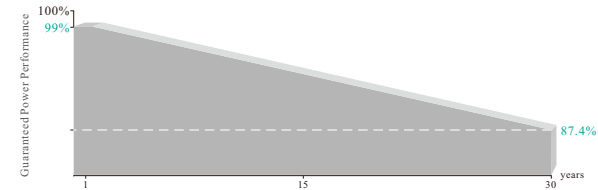
Positive Power Tolerance

23.22%

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 Rectangle Solar Cell**
- 182x91mm, 144 cells.

- Higher Module Conversion Efficiency**
- Higher module output up to 600W with module efficiency up to 23.22%.

- Low-Light Performance**
- Advanced glass and surface texturing allow for excellent performance in low-light environments.

- Transparent Dual-glass Design**
- Excellent fire rating, with better temperature co-efficiency.

- Higher Power Output**
- Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.

Double Glass, 182mm , 72-CELL HALF-CUT SERIES

ELECTRICAL PARAMETERS AT STC

Module Type: DH Pro-72HD	575M	580M	585M	590M	595M	600M
Maximum Power(Wp)	575W	580W	585W	590W	595W	600W
Open Circuit Voltage(Voc)	52.45V	52.60V	52.75V	52.90V	53.05V	53.20V
Short Circuit Current(Isc)	13.82A	13.89A	13.96A	14.03A	14.10A	14.17A
Maximum Power Voltage(Vm)	43.70V	43.85V	44.00V	44.15V	44.28V	44.42V
Maximum Power Current(Im)	13.16A	13.23A	13.30A	13.37A	13.44A	13.51A
Module Efficiency	22.25%	22.44%	22.64%	22.83%	23.02%	23.22%
Maximum Series Fuse	25A					
Watts Positive Tolerance	0~+5W					
Number Of Diode	3					
Standard Test Conditions	1000W/M²,25°C, AM1.5					
Maximum System Voltage	1500V/DC					
Temperature-Coefficient Isc	+0.035%/°C					
Temperature-Coefficient Voc	-0.262%/°C					
Temperature-Coefficient Pmpp	-0.359%/°C					
Operating Temperature	-40°C...+85°C					
Normal Operating Cell Temperature	45±2°C					
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 Pro-72HD	575M	580M	585M	590M	595M	600M
Maximum Power(Wp)	633W	638W	644W	649W	654W	659W
Open Circuit Voltage(Voc)	52.45V	52.60V	52.75V	52.90V	53.05V	53.20V
Short Circuit Current(Isc)	15.20A	15.28A	15.35A	15.43A	15.49A	15.55A
Maximum Power Voltage(Vm)	43.72V	43.85V	44.02V	44.12V	44.28V	44.44V
Maximum Power Current(Im)	14.48A	14.55A	14.63A	14.71A	14.77A	14.83A

BSI (1000w/m² + 300w/m²)

Module Type: DH Pro-72HD	575M	580M	585M	590M	595M	600M
Maximum Power(Wp)	708W	714W	720W	726W	732W	738W
Open Circuit Voltage(Voc)	52.45V	52.60V	52.75V	52.90V	53.05V	53.20V
Short Circuit Current(Isc)	17.00A	17.09A	17.18A	17.26A	17.34A	17.42A
Maximum Power Voltage(Vm)	43.73V	43.86V	44.01V	44.14V	44.29V	44.44V
Maximum Power Current(Im)	16.19A	16.28A	16.36A	16.45A	16.53A	16.61A

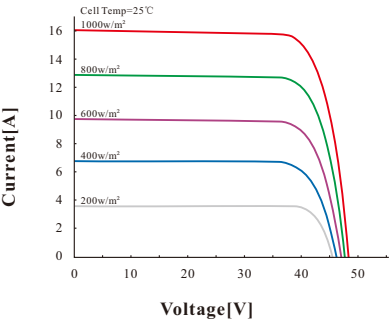
MECHANICAL CHARACTERISTICS

Front Glass	2.0mm high transmittance, AR semi-tempered glass
Rear Glass	2.0mm semi-tempered glass
Cell (Quantity / Material / Dimensions)	144(6x12x2) / monocrystalline silicon,bifacial
Frame (Material / Color)	aluminum hollow-chamber frame on each side 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)	2278x1134x30/35mm
Module Weight	30.5kg / 31kg
Application Class	Class A
Electrical Protection Class	Class II
Fire Safety Class	Class A

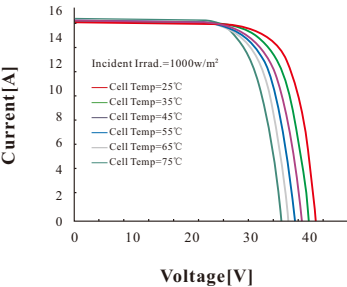
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
40HQ	37 (30mm)	1170	2300x1140x1260	740
	31 (35mm)	1000	2300x1120x1260	620

CURRENT-VOLTAGE CURVES:



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



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

MODULE DIAGRAM:

