

Silver Series
Eagle Pro-66HD

Product Range

700-730W

Heterojunction Series

132-CELL Bifacial HJT Half Cell
Double-glass Solar Module

730W

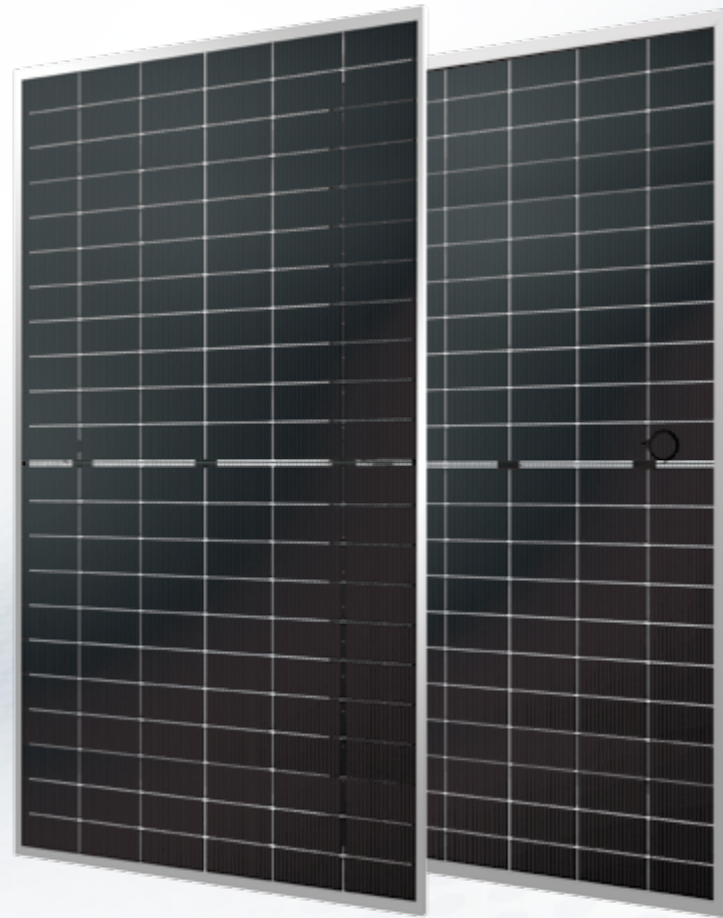
Maximum Power Output

0~+5W

Positive Power Tolerance

23.5%

Maximum Efficiency



66-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE (STC)

Module Type: Eagle Pro-66HD	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	700W	705W	710W	715W	720W	725W	730W
Open Circuit Voltage(Voc)	49.75V	49.85V	49.95V	50.05V	50.15V	50.25V	50.35V
Short Circuit Current(Isc)	17.81A	17.90A	17.99A	18.08A	18.17A	18.26A	18.35A
Maximum Power Voltage(Vm)	41.78V	41.87V	41.96V	42.05V	42.14V	42.23V	42.32V
Maximum Power Current(I _m)	16.76A	16.84A	16.93A	17.02A	17.10A	17.18A	17.26A
Module Efficiency	22.53%	22.70%	22.86%	23.02%	23.18%	23.34%	23.50%
Maximum Series Fuse	30A						
Watts Positive Tolerance	0~+5W						
Number Of Diode	3						
Standard Test Conditions	1000W/M ² , 25°C, AM1.5						
Maximum System Voltage	1500V/DC						
Temperature-Coefficient Isc	+0.04%/°C						
Temperature-Coefficient Voc	-0.22%/°C						
Temperature-Coefficient Pmax	-0.24%/°C						
Operating Temperature	-40°C...+85°C						
Normal Operating Cell Temperature	44±2°C						
Load Capacity For The Cover Of The Module (Glass)	5400Pa(IEC61215)(snow)						
Load Capacity For The Front & Back Of The Module	2400Pa(IEC61215)(wind)						

ELECTRICAL PERFORMANCE (BSTC)

Module Type: Eagle Pro-66HD	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	785W	790W	796W	801W	807W	813W	818W
Open Circuit Voltage(Voc)	49.95V	50.05V	50.15V	50.25V	50.35V	50.45V	50.55V
Short Circuit Current(Isc)	19.97A	20.07A	20.18A	20.28A	20.38A	20.48A	20.58A
Maximum Power Voltage(Vm)	41.92V	42.02V	42.11V	42.20V	42.29V	42.38V	42.47V
Maximum Power Current(I _m)	18.73A	18.82A	18.91A	19.00A	19.10A	19.19A	19.28A

*BSTC: AM1.5, 1000W/m², 135W/m², 25°C.

ELECTRICAL PERFORMANCE (NOCT)

Module Type: Eagle Pro-66HD	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	534W	538W	542W	545W	549W	553W	557W
Open Circuit Voltage(Voc)	47.50V	47.60V	47.69V	47.79V	47.88V	47.98V	48.08V
Short Circuit Current(Isc)	14.23A	14.31A	14.38A	14.45A	14.52A	14.59A	14.67A
Maximum Power Voltage(Vm)	39.90V	40.00V	40.07V	40.14V	40.23V	40.32V	40.41V
Maximum Power Current(I _m)	13.39A	13.46A	13.53A	13.60A	13.67A	13.73A	13.79A

*NOCT: AM1.5, 800W/m², 20°C, 1m/s.

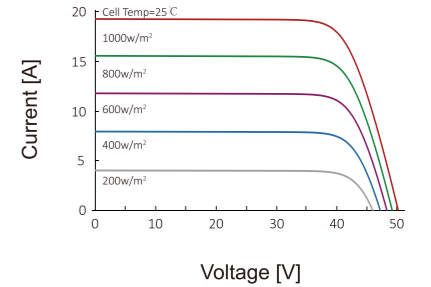
MECHANICAL CHARACTERISTICS

Front Cover (Material / Thickness)	low-iron tempered glass 2.0 / 2.0 mm
Cell (Quantity / Material / Dimensions)	132(6x11x2) / bifacial HJT half cell
Frame (Material / Color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction Box (Protection Degree)	≥IP68
Cables & Plug Connectors	4mm ² , +350/-250mm or customized; UV resistant, MC4 Compatible
Module Dimensions (L / W / H)	2384(±2)×1303(±2)×33/35mm
Module Weight	37.7/38kg
Application Class	Class A
Electrical Protection Class	Class II
Fire Safety Class	Class A

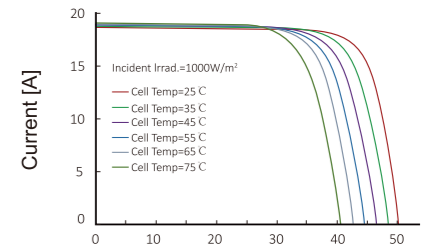
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
40HQ	33 (33mm)	1280	1320x1120x2515	594
	31 (35mm)	1085	1320x1120x2515	558

CURRENT-VOLTAGE CURVES:

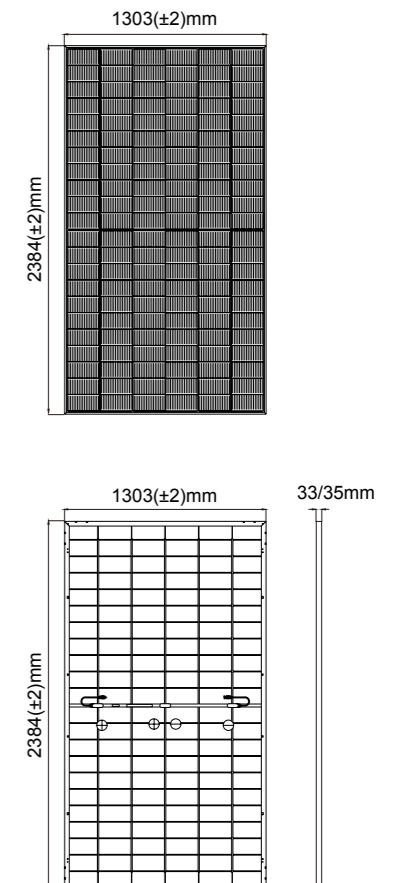


Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



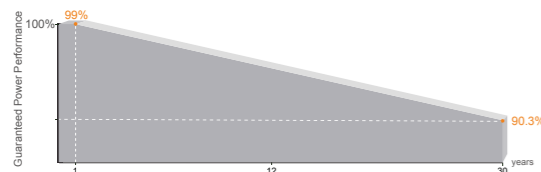
Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m²

MODULE DIAGRAM:



Linear Performance Warranty

- 15 Year Product Warranty
- 30 Year Linear Power Warranty
- ≤ 1% First year Power Degradation
- ≤ 0.3% Year 2-30 Power Degradation
- ≥ 90.3% Power output until the 30th year



Certifications

Quality Management System and Product Certification.

- IEC61215(2021), IEC61730(2023), IEC61701
- IEC61215-2 (bifaciality): 2021
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



HJT Technology

Combining gettering process and μc-Si technology to ensure higher cell efficiency and higher module power.

Up To 95% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.

High Power Up To 730W

Higher module output up to 730W with module efficiency up to 23.5%.

Suitable For Utility Project

Lower BOS cost, lower LCOE.

