

Silver Series

Eagle Pro-66HD

Product Range

700-730W

Heterojunction Series

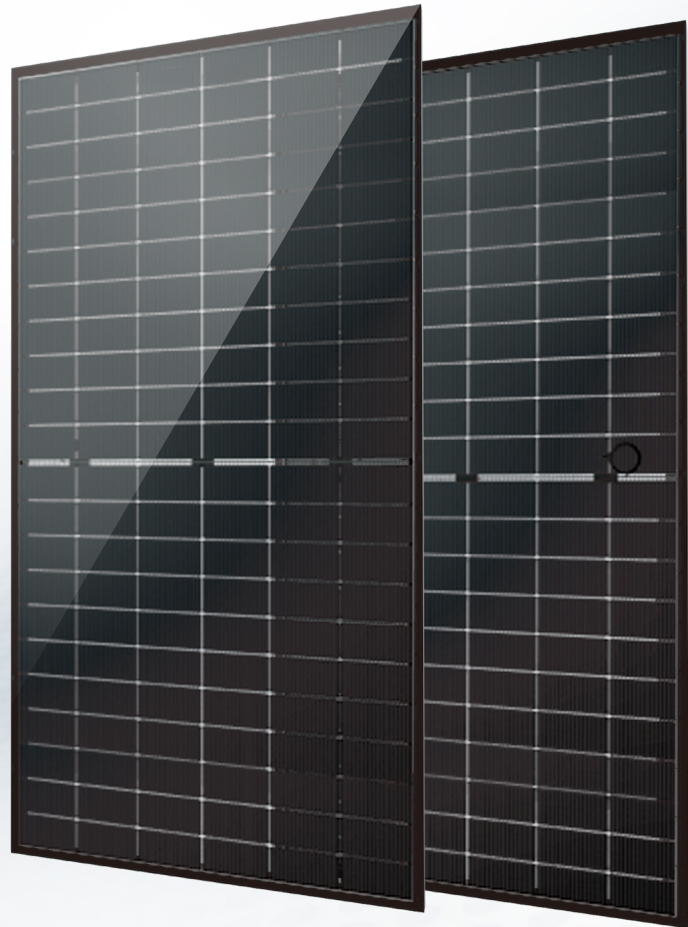
132-CELL

Bifacial HJT Half Cell
Double-glass Solar Module

730W
Maximum Power Output

0~+5W
Positive Power Tolerance

23.5%
Maximum Efficiency



Linear Performance Warranty

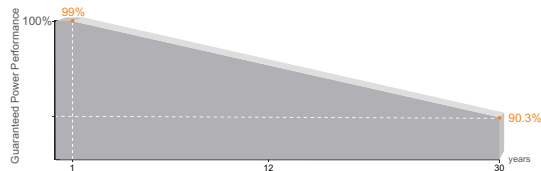
15 Year Product Warranty

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



Zhejiang ERA Solar Technology Co., Ltd.
www.erasolar.com.cn

ERA
SOLAR

HJT Technology

Combining gettering process and $\mu\text{-Si}$ 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.



210mm SERIES, 66-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE (STC)

Module Type: ERA Pro-66HD	690M	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	690W	700W	705W	710W	715W	720W	725W	730W
Open Circuit Voltage(Voc)	48.26V	48.60V	48.44V	48.94V	49.11V	49.11V	49.40V	49.55V
Short Circuit Current(Isc)	18.25A	18.35A	18.40A	18.45A	18.50A	18.50A	18.60A	18.65A
Maximum Power Voltage(Vm)	40V	40.35V	40.52V	40.69V	40.83V	40.86V	41.20V	41.36V
Maximum Power Current(Imp)	17.25A	17.35A	17.40A	17.50A	17.50A	17.55A	17.60A	17.65A
Module Efficiency	22.23%	22.55%	22.71%	22.86%	23.20%	23.20%	23.36%	23.52%
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: ERA-HJT-66HD	690M	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	759W	770W	776W	781W	787W	792W	798W	803W
Open Circuit Voltage(Voc)	48.26V	48.60V	48.77V	48.94V	49.11V	49.24V	49.40V	49.55V
Short Circuit Current(Isc)	20.07A	20.19A	20.25A	20.30A	20.36A	20.40A	20.46A	20.50A
Maximum Power Voltage(Vm)	40V	40.35V	40.53V	40.70V	40.87V	41.04V	41.20V	41.37V
Maximum Power Current(Imp)	18.98A	19.09A	19.15A	19.19A	19.26A	19.30A	19.37A	19.41A

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

ELECTRICAL PERFORMANCE (NOCT)

Module Type: ERA-HJT-66HD	690M	700M	705M	710M	715M	720M	725M	730M
Maximum Power(Wp)	849W	861W	867W	873W	879W	886W	892W	898W
Open Circuit Voltage(Voc)	48.28V	48.61V	48.79V	48.96V	49.13V	49.25V	49.40V	49.55V
Short Circuit Current(Isc)	22.45A	22.57A	22.63A	22.69A	22.76A	22.82A	22.88A	22.94A
Maximum Power Voltage(Vm)	40.02V	40.36V	40.54V	40.71V	40.88V	41.04V	41.20V	41.37V
Maximum Power Current(Imp)	21.21A	21.33A	21.39A	21.45A	21.52A	21.58A	21.65A	21.71A

*NOCT: AM1.5, 800W/m², 20°C, 1m/s.

MECHANICAL CHARACTERISTICS

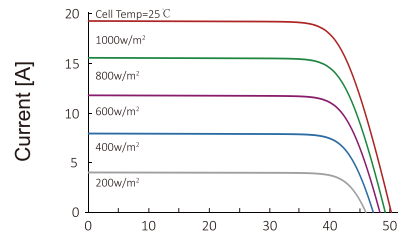
Front Cover (Material / Thickness)	low-iron tempered glass 2.0 / 2.0 mm
Cell (Quantity / Material / Dimensions)	132(6x11x2) / bifacial HJT half cell
Frame (Material / Color)	composite frame (silver/black)
Junction Box (Protection Degree)	≥ IP68
Cables & Plug Connectors	4mm ² , +350/-250mm or customized; UV resistant, MC4 Compatible
Module Dimensions (L / W / H)	2384(±2)×1303(±2)×30/33/35mm
Module Weight	32.5 kg / 33.5 kg / 34.5 kg
Application Class	Class A
Electrical Protection Class	Class II
Fire Safety Class	Class A

PACKING

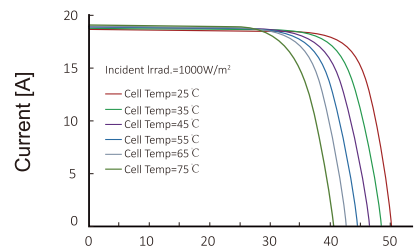
Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
40HQ	36 (30mm)	1263	1320x1120x2515	648
	37 (30mm)	1230	1320x1140x2515	666
	33 (33mm)	1150	1320x1120x2515	594
	31 (35mm)	1065	1320x1120x2515	558

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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:

