

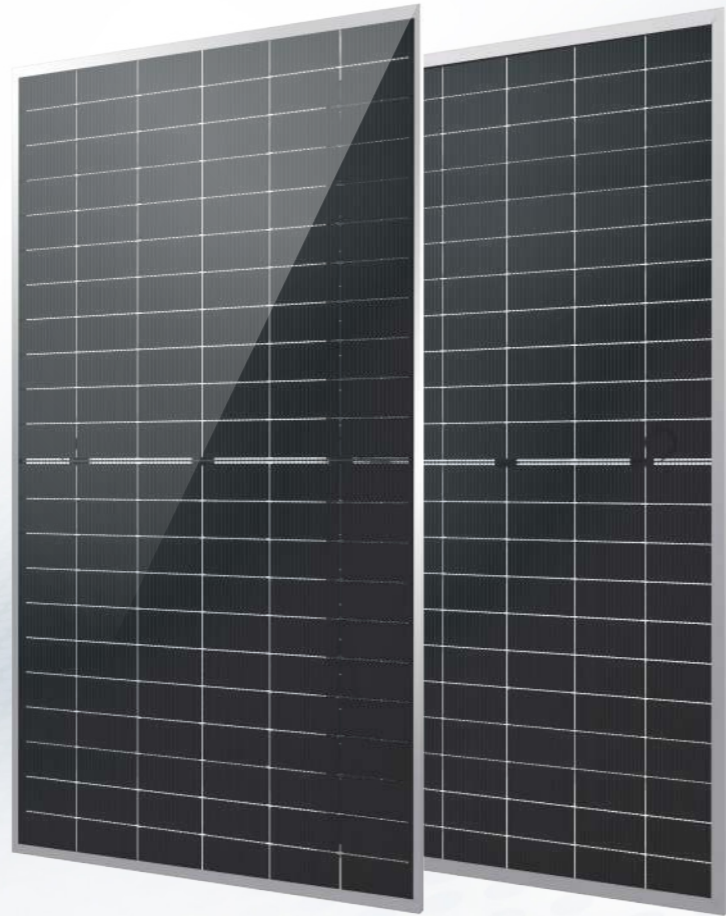
Silver Series

Eagle Pro-66HD

Product Range

695-720W

N-Type Bifacial
Double Glass High Efficiency

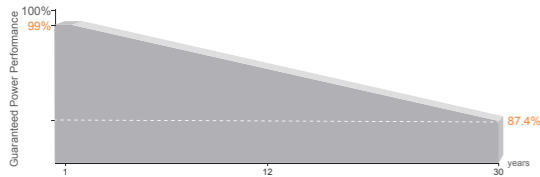


720W
Maximum Power Output

0~+5W
Positive Power Tolerance

23.18%
Maximum Efficiency

Linear Performance Warranty
15 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 (bifaciality): 2021
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018: Occupational health and safety management systems



TPC SOLAR
www.tpcsolar.com

MBB Half-Cut Solar Cell
210x105mm, 132 cells.

High Power up to 720W
Higher module output up to 720W with module efficiency up to 23.18%.

Transparent Dual-glass Design
Excellent fire rating, with better temperature coefficient.

Universal Solution For Residential And C&I Rooftops
Perfect size and low weight for handling and installation.

210mm SERIES, 66-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE (STC)

Module Type: 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	22.37%	22.53%	22.70%	22.86%	23.02%	23.18%
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	-0.25%/°C					
Temperature-Coefficient Pmpp	-0.34%/°C					
Operating Temperature	-40°C...+85°C					
Normal Operating Cell Temperature	45±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 CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

Module Type: Eagle Pro-66HD	695M	700M	705M	710M	715M	720M
Maximum Power(Wp)	750.6W	756W	761.4W	766.8W	772.2W	777.6W
Open Circuit Voltage(Voc)	48.43V	48.60V	48.77V	48.94V	49.11V	49.28V
Short Circuit Current(Isc)	19.76 A	19.82 A	19.87A	19.93 A	19.98 A	20.03 A
Maximum Power Voltage(Vm)	40.18V	40.35V	40.52V	40.69V	40.86V	41.03V
Maximum Power Current(Im)	18.68 A	18.74 A	18.79 A	18.85 A	18.90 A	18.95 A
Irradiation Ratio (Rear/Front)	10%					
*Bifaciality=Pmax,Rear/Rated Pmax,Front						

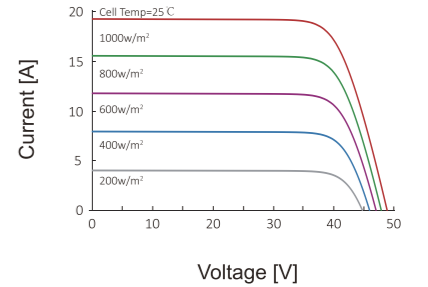
MECHANICAL CHARACTERISTICS

Front Cover (Material / Thickness)	low-iron tempered glass 2.0 / 2.0 mm
Cell (Quantity / Material / Dimensions)	132(6x11x2) / monocrystalline silicon
Frame (Material / Color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction Box (Protection Degree)	≥IP68
Cables & Plug Connectors	4mm ² , 300mm in length,length can be customized
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

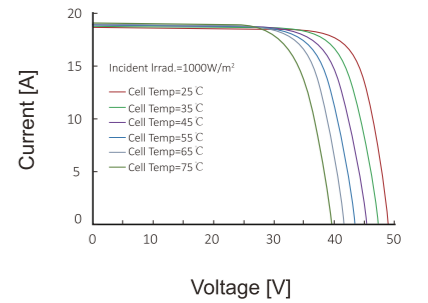
PACKING

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:

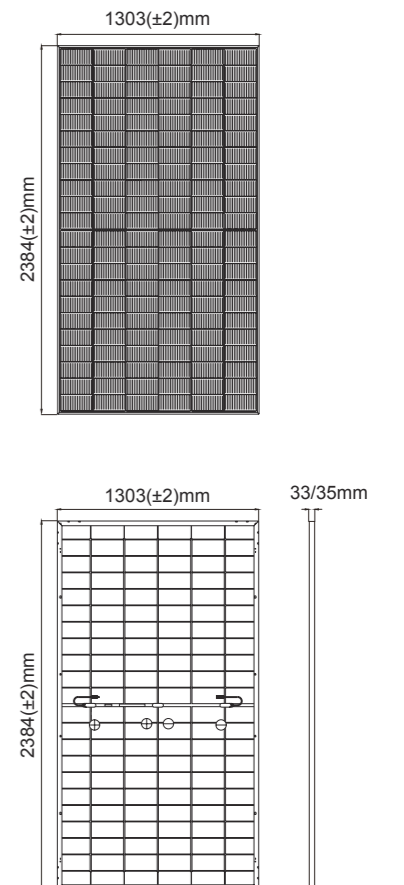


Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



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

MODULE DIAGRAM:



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