



Silver Series
Eagle Pro-66HC

Product Range

695-715W

N-Type Topcon 210
Half- Cut Monofacial Module

715W

Maximum Power Output

0~+5W

Positive Power Tolerance

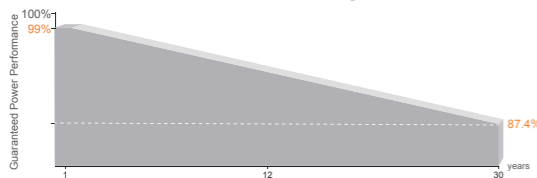
23.02%

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.tpcsolars.com

MBB Half-Cut Solar Cell

210x105mm, 132 cells.

High Power up to 715W

Higher module output up to 715W with module efficiency up to 23.02%.

Low-Light Performance

Advanced glass and surface texturing allow for excellent performance in low-light environments.

High Customer Value

The innovative design of low-voltage and higher string power output improves system efficiency, reducing BOS costs and LCOE.

210mm SERIES, 66-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE (STC)

Module Type: Eagle Pro-66HC	695M	700M	705M	710M	715M
Maximum Power(Wp)	695W	700W	705W	710W	715W
Open Circuit Voltage(Voc)	48.43V	48.60V	48.77V	48.94V	49.11V
Short Circuit Current(Isc)	18.30A	18.35A	18.40A	18.45A	18.50A
Maximum Power Voltage(Vm)	40.18V	40.35V	40.52V	40.69V	40.86V
Maximum Power Current(Imp)	17.30A	17.35A	17.40A	17.45A	17.50A
Module Efficiency	22.37%	22.53%	22.70%	22.86%	23.02%
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 PERFORMANCE (NOCT)

Module Type: Eagle Pro-66HC	695M	700M	705M	710M	715M
Maximum Power(Wp)	523W	526W	530W	534W	538W
Open Circuit Voltage(Voc)	46.01V	46.17V	46.33V	46.49V	46.65V
Short Circuit Current(Isc)	14.77A	14.82A	14.86A	14.90A	14.94A
Maximum Power Voltage(Vm)	37.44V	37.55V	37.73V	37.90V	38.08V
Maximum Power Current(Imp)	13.97A	14.01A	14.05A	14.09A	14.13A

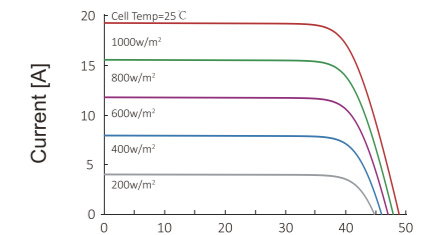
MECHANICAL CHARACTERISTICS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Backsheet (Color)	white
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 C

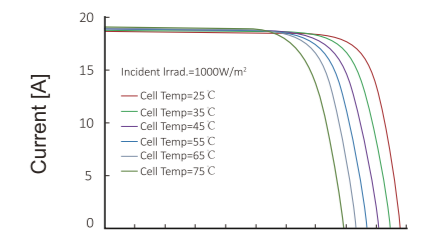
PACKING

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:

