

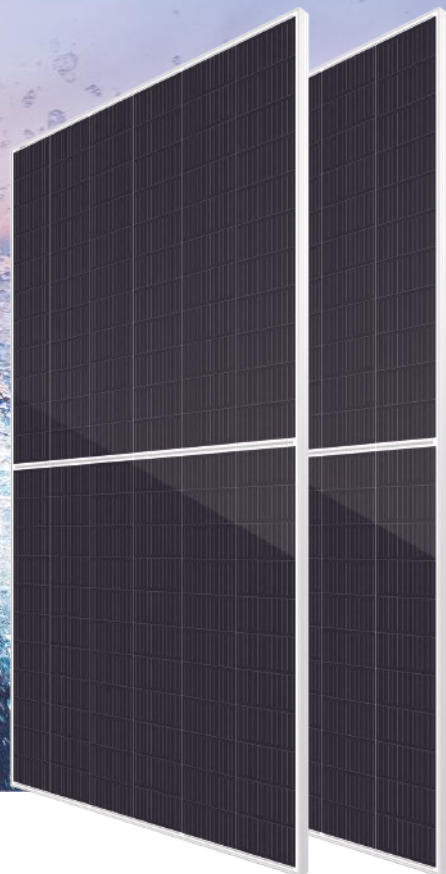
# Haitai TaiJi (210)

## HTM595~615MH8-60

Monofacial high efficiency mono PV module

**21.73%**

Module Efficiency 21.73%



### PRODUCT FEATURES



#### High Efficiency

The multi-busbar half-cut technology can boost energy density to deliver higher output.



#### High Reliability

Certified in TUV salt spray, ammonia corrosion, 2400Pa wind load and 5400Pa snow load testing. Highly reliable.



#### High ROI

Effectively reducing BOS costs to achieve lower LCOE and enhanced project profitability.



#### Low Degradation

First-year degradation is less than 2.0%, with linear degradation of 0.55% per year for 25 years.



#### Low Risk of Hot Spot

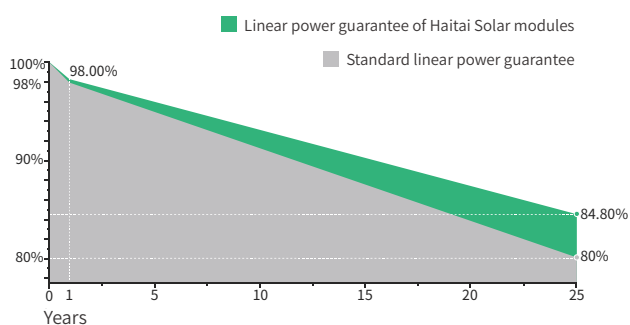
The next-generation cell technology and optimized circuit design adopted can support improved temperature coefficient and better hotspot resistance.



#### Low Risk of Micro-Crack

The multi-busbar technology contributes to more effective prevention of Micro crack and broken busbars.

### LINEAR PERFORMANCE WARRANTY



12 YEARS product warranty



25 YEARS linear power warranty



0.55% Linear attenuation of 0.55% per year within 25 years

### CERTIFICATES

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational health and safety management systems



## Electrical Data (STC)

Maximum Power (Pmax/W)	595	600	605	610	615
Open Circuit Voltage (Voc/V)	41.29	41.49	41.69	41.89	42.09
Short Circuit Current (Isc/A)	18.48	18.53	18.58	18.64	18.67
Voltage at Maximum Power (Vmp/V)	34.19	34.39	34.59	34.79	34.99
Current at Maximum Power (Imp/A)	17.41	17.45	17.50	17.54	17.58
Module Efficiency (%)	21.02	21.20	21.38	21.55	21.73
Operating Temperature	-40° C~+85° C				
Maximum System Voltage	1000/1500V				
STC (Standard Testing Conditions): Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, AM1.5					

## Electrical Data (NMOT)

Maximum Power (Pmax/W)	451	455	459	463	467
Open Circuit Voltage (Voc/V)	38.89	39.09	39.29	39.49	39.69
Short Circuit Current (Isc/A)	14.89	14.95	15.00	15.06	15.10
Voltage at Maximum Power (Vmp/V)	31.79	31.99	32.19	32.39	32.59
Current at Maximum Power (Imp/A)	14.19	14.23	14.26	14.30	14.33
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m <sup>2</sup> , Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.					

## Mechanical Data

Cell Type	210×105mm Mono
Cell Orientation	120(6×20)
Module Dimensions	2172×1303×35mm
Weight	31.0kg
Glass	3.2mm high transmittance, reinforced glass
Backsheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP68
Cable	4.0 mm <sup>2</sup> positive pole: 250 mm negative pole: 300 mm wire length can be customized
Connector	MC4 compatible connector

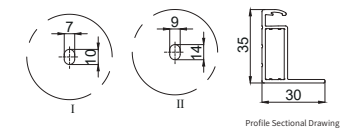
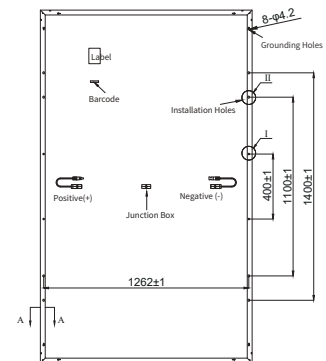
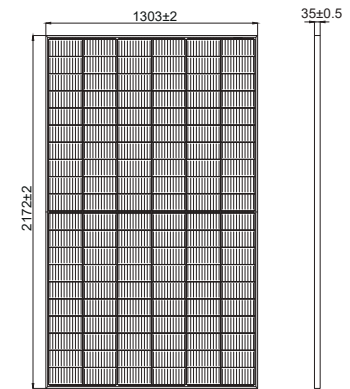
## Temperature Coefficients

Temperature Coefficient (Pm)	-0.340%/°C
Temperature Coefficient (Voc)	-0.250%/°C
Temperature Coefficient (Isc)	0.040%/°C
NMOT (Nominal Module Operating Temperature)	41±3°C

## Packaging

Transportation methods	Number of modules per cabinet	Number of modules per pallet
40HQ container	527pcs	31pcs

## Module Dimensions (mm)



## I-V Curve

