

Haitai TaiHe (210)

HTM660~670DMH8-66

Bifacial high efficiency mono PV module



PRODUCT FEATURES



High Efficiency

Power can be generated on both sides to support additional output gains of up to 25%.
The multi-busbar half-cut technology can boost energy density to deliver higher output.



Low Degradation

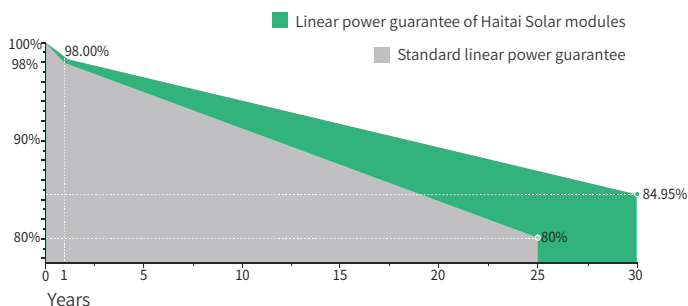
First-year degradation is less than 2.0%, with linear degradation of 0.45% per year for 30 years.



High ROI

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

LINEAR PERFORMANCE WARRANTY



CERTIFICATES

· IEC 61215, IEC 61730



12 YEARS product warranty

30 YEARS linear power warranty

0.45% Linear attenuation of 0.45% per year within 30 years

Electrical Data (STC)

Maximum Power (Pmax/W)	660	665	670
Open Circuit Voltage (Voc/V)	45.69	45.89	46.09
Short Circuit Current (Isc/A)	18.52	18.58	18.63
Voltage at Maximum Power (Vmp/V)	37.79	37.99	38.19
Current at Maximum Power (Imp/A)	17.47	17.51	17.55
Module Efficiency (%)	21.25	21.41	21.57
Operating Temperature	-40° C~+85° C		
Maximum System Voltage	1000/1500V		
STC (Standard Testing Conditions): Irradiance 1000W/m ² , Cell Temperature 25°C, AM1.5			

Electrical Data (NMOT)

Maximum Power (Pmax/W)	500	504	508
Open Circuit Voltage (Voc/V)	42.99	43.19	43.39
Short Circuit Current (Isc/A)	14.93	14.98	15.03
Voltage at Maximum Power (Vmp/V)	35.29	35.49	35.69
Current at Maximum Power (Imp/A)	14.17	14.21	14.24

NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

Bifacial Power Generation Parameters (Backside Gains)

5%	Maximum Power (Pmax/W)	693	698	704
	Module Efficiency (%)	22.31	22.48	22.65
15%	Maximum Power (Pmax/W)	759	765	771
	Module Efficiency (%)	24.43	24.62	24.80
25%	Maximum Power (Pmax/W)	825	831	838
	Module Efficiency (%)	26.56	26.76	26.96

Mechanical Data

Cell Type	210×105mm Mono
Cell Orientation	132(6×22)
Module Dimensions	2384×1303×35mm
Weight	39.0kg
Glass	2.0mm high transmittance, reinforced glass
Backsheet	2.0mm part of the structure is grid-like white ceramic glass
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP68
Cable	4.0 mm ² positive pole: 250mm negative pole: 300 mm wire length can be customized
Connector	Stäubli Electrical: Type PV-KST4-EVO2/XY-UR; PV-KBT4-EVO2/XY-UR Jiangsu Holysun: Type C1or C2 Jiangsu TianSheng: Type TS01 or TS02
Maximum Series Fuse Rating	30A
Fire Safety Class	Class C

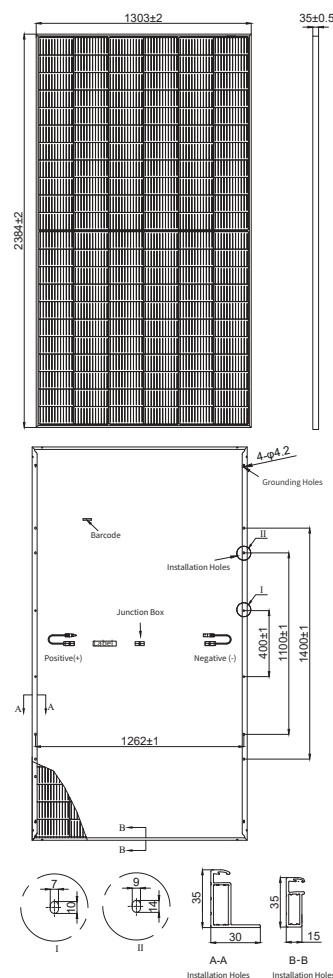
Temperature Coefficients

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	527 pcs	31 pcs

Module Dimensions (mm)



I-V Curve

