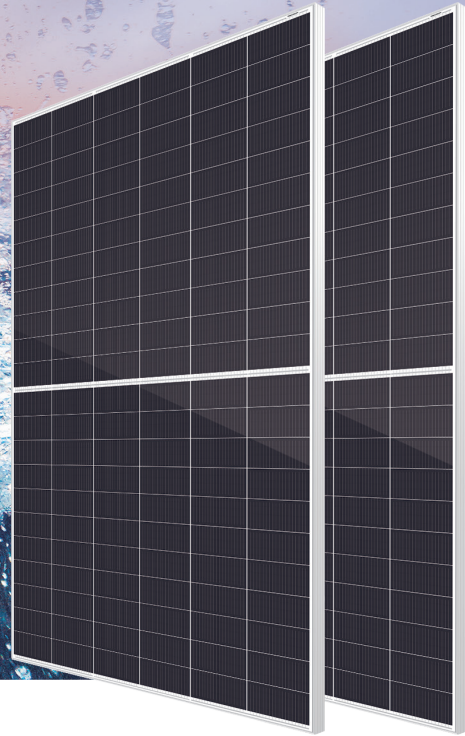


Haitai Tai Ji 2.0 (210)







HTM700~720MH8-66NT TOPCon Monofacial high efficiency PV module

23.18%

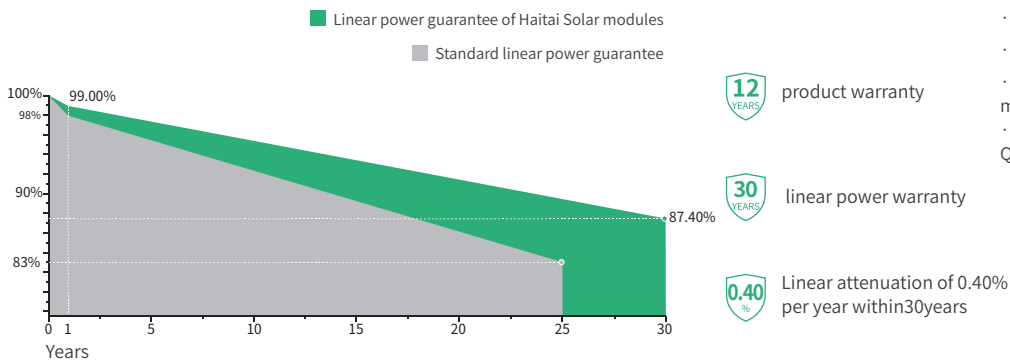
Module Efficiency 23.18%






PRODUCT FEATURES

- 
High Power Output
 N-type MBB half cut technology, improve energy density, bring higher power output.
- 
High Durability
 Passed TUV Salt & Ammonia corrosion test, and 2400Pa wind load, 5400Pa snow load test, higher reliability
- 
Better Low Light Performance
 Higher power generation compare with standard module in cloudy, foggy and low light condition
- 
Low Power Degradation
 First year power degradation <1.0%, year 2-30 power degradation <0.40% each year
- 
Low Temperature coefficient
 Passivated contact cell technology for higher power generation in operating
- 
Better Anti-LID
 N-type cells with boron-oxide-free composite LID to increase module power generation

LINEAR PERFORMANCE WARRANTY



-  12 years product warranty
-  30 years linear power warranty
-  0.40% linear attenuation of 0.40% per year within 30 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
- IEC62941:2019 Photovoltaic Module Manufacturer Quality Management System



Electrical Data (STC)

Maximum Power (Pmax/W)	700	705	710	715	720
Open Circuit Voltage (Voc/V)	48.37	48.52	48.67	48.82	48.97
Short Circuit Current (Isc/A)	18.09	18.16	18.24	18.31	18.38
Voltage at Maximum Power (Vmp/V)	40.59	40.74	40.89	41.04	41.19
Current at Maximum Power (Imp/A)	17.25	17.31	17.37	17.43	17.48
Module Efficiency (%)	22.53	22.70	22.86	23.02	23.18
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)	526	530	534	538	542
Open Circuit Voltage (Voc/V)	45.47	45.62	45.77	45.92	46.07
Short Circuit Current (Isc/A)	14.85	14.91	14.98	15.04	15.10
Voltage at Maximum Power (Vmp/V)	37.51	37.66	37.81	37.96	38.11
Current at Maximum Power (Imp/A)	14.03	14.08	14.13	14.18	14.23
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m ² , Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.					

Mechanical Data

Cell Type	210×105mm Mono
Cell Orientation	132(6×22)
Module Dimensions	2384×1303×33mm
Weight	32.5kg
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 ² positive pole: 250 mm negative pole: 300 mm wire length can be customized

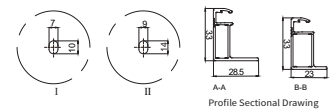
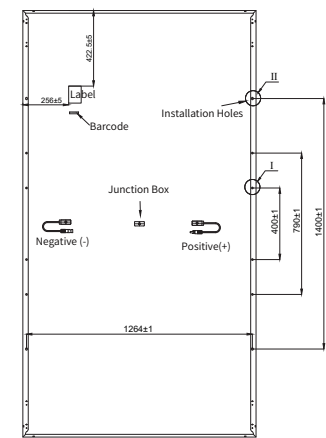
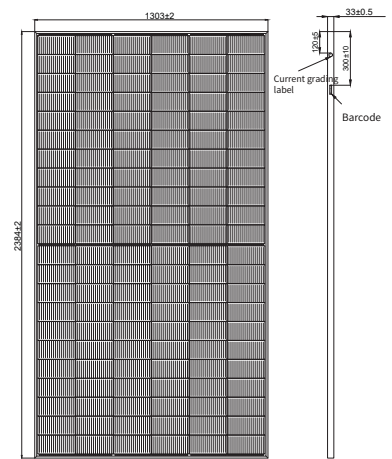
Temperature Coefficients

Temperature Coefficient (Pm)	-0.290%/°C
Temperature Coefficient (Voc)	-0.250%/°C
Temperature Coefficient (Isc)	0.045%/°C
NMOT (Nominal Module Operating Temperature)	41±3°C

Packaging

Transportation methods	Number of modules per cabinet	Number of modules per pallet
40HQ container	561pcs	33pcs +33pcs

Module Dimensions (mm)



I-V Curve

