

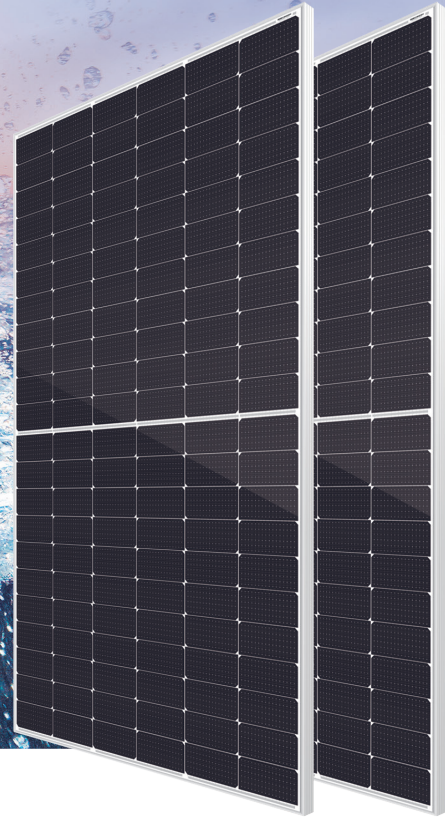
# Haitai Tai Ji 2.0 (210R)

## HTM605~625MH6-66NT

TOPCon Monofacial high efficiency PV module

**23.14%**

Module Efficiency



### 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

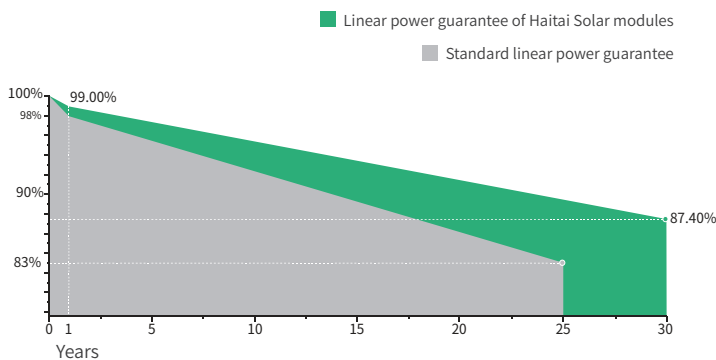
Passivated contact cell technology for higher power generation in operating



#### 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



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## Electrical Data (STC)

Maximum Power (Pmax/W)	605	610	615	620	625
Open Circuit Voltage (Voc/V)	47.92	48.07	48.22	48.37	48.52
Short Circuit Current (Isc/A)	15.78	15.86	15.94	16.02	16.10
Voltage at Maximum Power (Vmp/V)	40.47	40.62	40.77	40.92	41.07
Current at Maximum Power (Imp/A)	14.95	15.02	15.09	15.16	15.22
Module Efficiency (%)	22.40	22.58	22.77	22.95	23.14
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)	456	460	464	468	472
Open Circuit Voltage (Voc/V)	45.52	45.67	45.82	45.97	46.12
Short Circuit Current (Isc/A)	12.93	13.00	13.07	13.14	13.20
Voltage at Maximum Power (Vmp/V)	37.43	37.58	37.73	37.88	38.03
Current at Maximum Power (Imp/A)	12.19	12.25	12.30	12.36	12.42
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	182×105mm Mono
Cell Orientation	132(6×22)
Module Dimensions	2382×1134×30mm
Weight	29.0kg
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: 200 mm negative pole: 250 mm wire length can be customized

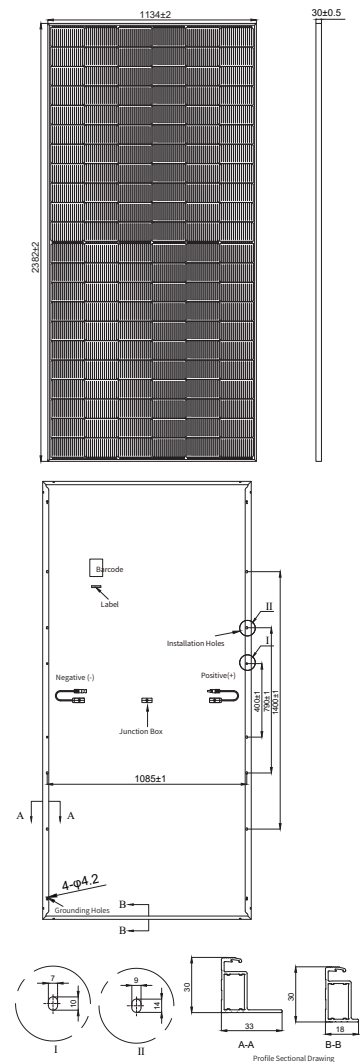
## Temperature Coefficients

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	720 pcs	36 pcs +36 pcs

## Module Dimensions (mm)



## I-V Curve

