

Hitouch 6H

HN21H-66HT

705-730W

BIFACIAL

High Efficiency Module

23.5%

Maximum Efficiency



Long-Term Reliability

Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal).

Excellent anti-PID performance to guarantee a better sustainability in harsh environment.



Lower Hot Spot and Crack Risk

Reduce hot-spot risk with optimized electrical design and lower operating current.

Reduce crack risk by MBB solar cell design.



Higher Power Output

Higher module conversion efficiency benefit from bigger wafer and half-cell structure.

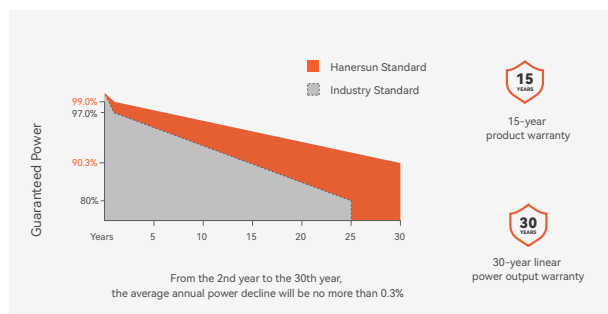
MBB technology enhances current collection with lower series resistance.



Excellent Temperature Coefficient

Lower operating temperature and temperature coefficient increases the power output.

Power Warranty



Certificates



Warranty partner

Munich RE

About Hanersun

Hanersun is a world-leading clean energy company, focusing on R&D, manufacturing and distribution of solar module and energy storage system, as well as comprehensive clean energy solutions. Committed to high-efficiency technologies, the company is one of the first to launch PV modules of 600W+ and 700W+ in the industry.

Electrical Characteristics (STC)

| Module Type | HN21H-66HT705W | HN21H-66HT710W | HN21H-66HT715W | HN21H-66HT720W | HN21H-66HT725W | HN21H-66HT730W |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Maximum Power (Pmax) | 705 | 710 | 715 | 720 | 725 | 730 |
| Maximum Power Voltage (Vmp) | 41.87 | 41.96 | 42.05 | 42.14 | 42.23 | 42.32 |
| Maximum Power Current (Imp) | 16.84 | 16.93 | 17.02 | 17.10 | 17.18 | 17.26 |
| Open-circuit Voltage (Voc) | 49.87 | 49.97 | 50.07 | 50.17 | 50.27 | 50.37 |
| Short-circuit Current (Isc) | 17.90 | 17.99 | 18.08 | 18.17 | 18.26 | 18.35 |
| Module Efficiency(%) | 22.7% | 22.9% | 23.0% | 23.2% | 23.3% | 23.5% |

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

Power Tolerance: 0~+3%

Electrical Characteristics (BNPI)

| Module Type | 705W | 710W | 715W | 720W | 725W | 730W |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax) | 791 | 796 | 801 | 807 | 813 | 818 |
| Maximum Power Voltage (Vmp) | 41.87 | 41.96 | 42.05 | 42.14 | 42.23 | 42.32 |
| Maximum Power Current (Imp) | 18.90 | 18.99 | 19.09 | 19.18 | 19.27 | 19.36 |
| Open-circuit Voltage (Voc) | 49.87 | 49.97 | 50.07 | 50.17 | 50.27 | 50.37 |
| Short-circuit Current (Isc) | 20.07 | 20.18 | 20.28 | 20.38 | 20.48 | 20.58 |

BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Cell Temperature 25°C, AM=1.5

Mechanical Parameters

| | | | |
|-------------------|--------------------------|--------------|-------------------------------|
| Solar Cells | HJT Mono (210mm) | No. of Cells | 132 [2 x (11 x 6)] |
| Module Dimensions | 2384*1303*33mm | Weight | 37.0kg |
| Glass | 2mm~2mm | J-Box | IP68 |
| Frame | Anodized Aluminium Alloy | Connector | MC4-EVO 2A/Z4S-abcd/Others |
| Output Cable | 4.0mm ² | Cable Length | 300/300mm (can be customized) |

Operating Parameters

| | |
|----------------------------|----------------|
| Operational Temperature | -40°C~+85°C |
| Maximum System Voltage | 1500V DC (IEC) |
| Maximum Series Fuse Rating | 35A |
| Bifacility | 90±5% |
| Fire Class Rating | Class C |

Temperature Ratings

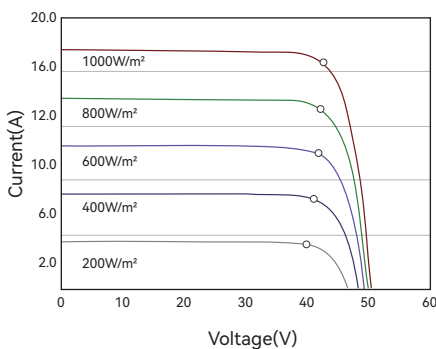
| | |
|---------------------------------|-----------|
| Temperature Coefficient of Pmax | -0.24%/°C |
| Temperature Coefficient of Voc | -0.22%/°C |
| Temperature Coefficient of Isc | +0.04%/°C |

(Do not connect Fuse in Combiner Box with two or more strings in parallel connection)

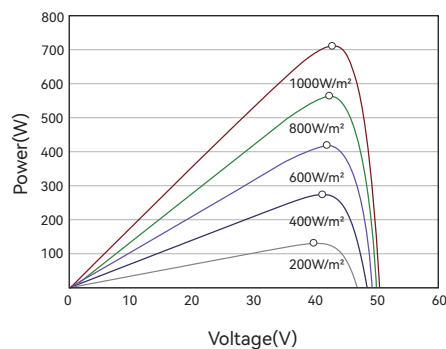
Packaging

| | |
|--------------------|---------------------|
| Pcs per Pallet: 33 | Pcs per 40' HC: 594 |
|--------------------|---------------------|

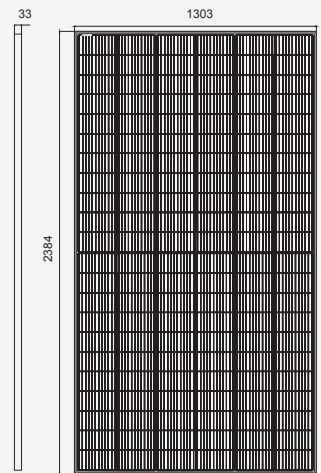
I-V Curves of PV Module (710W)



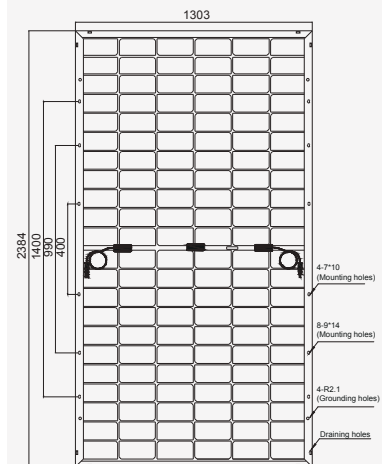
P-V Curves of PV Module (710W)



Dimensions (Unit: mm)



Front View



Long frame



Short frame

Back View