

## Hitouch 6N

HN21N-66HT

# 695-720W

### BIFACIAL

High Efficiency Module

### 23.2%

Maximum Efficiency



### Long-Term Reliability

Module certified to withstand 5400 Pa positive static load and 2400 Pa negative static load.

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.

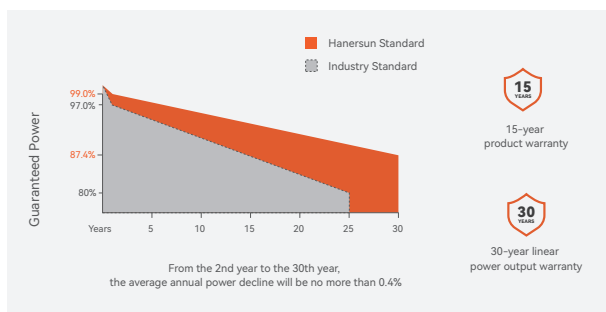
MBB technology enhances current collection with lower series resistance.



### Excellent Temperature Coefficient

Lower operating temperature and temperature coefficient increases the power output.

## Power Warranty



## Certificates



Warranty partner



## 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                 | HN21N-66HT695W | HN21N-66HT700W | HN21N-66HT705W | HN21N-66HT710W | HN21N-66HT715W | HN21N-66HT720W |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Maximum Power (Pmax)        | 695            | 700            | 705            | 710            | 715            | 720            |
| Maximum Power Voltage (Vmp) | 40.20          | 40.40          | 40.60          | 40.80          | 41.00          | 41.20          |
| Maximum Power Current (Imp) | 17.29          | 17.33          | 17.37          | 17.41          | 17.44          | 17.48          |
| Open-circuit Voltage (Voc)  | 48.00          | 48.20          | 48.40          | 48.60          | 48.80          | 49.00          |
| Short-circuit Current (Isc) | 18.30          | 18.34          | 18.38          | 18.42          | 18.46          | 18.50          |
| Module Efficiency(%)        | 22.4%          | 22.5%          | 22.7%          | 22.9%          | 23.0%          | 23.2%          |

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.

Power Tolerance: 0~+3%

## Electrical Characteristics (BNPI)

| Module Type                 | 695W  | 700W  | 705W  | 710W  | 715W  | 720W  |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax)        | 771   | 776   | 782   | 787   | 793   | 798   |
| Maximum Power Voltage (Vmp) | 40.20 | 40.40 | 40.60 | 40.80 | 41.00 | 41.20 |
| Maximum Power Current (Imp) | 19.18 | 19.21 | 19.27 | 19.29 | 19.35 | 19.37 |
| Open-circuit Voltage (Voc)  | 48.00 | 48.20 | 48.40 | 48.60 | 48.80 | 49.00 |
| Short-circuit Current (Isc) | 20.28 | 20.32 | 20.37 | 20.41 | 20.46 | 20.50 |

BNPI: Irradiance: Front 1000W/m<sup>2</sup>, Rear 135W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.

## Mechanical Parameters

|                   |                               |              |                                 |
|-------------------|-------------------------------|--------------|---------------------------------|
| Solar Cells       | N-TYPE Monocrystalline(210mm) | No. of Cells | 132 [2 x (11 x 6) ]             |
| Module Dimensions | 2384*1303*33mm                | Weight       | 37.4kg                          |
| Glass             | 2mm-2mm                       | J-Box        | IP68                            |
| Frame             | Anodized Aluminium Alloy      | Connector    | Z4S-abcd/MC4-EVO 2A/Others      |
| Output Cable      | 4.0mm <sup>2</sup>            | Cable Length | 1300/1300mm (can be customized) |

## Operating Parameters

|                            |                |
|----------------------------|----------------|
| Operational Temperature    | -40°C~+70°C    |
| Maximum System Voltage     | 1500V DC (IEC) |
| Maximum Series Fuse Rating | 35A            |
| Bifacility                 | 80±5%          |
| Fire Class Rating          | Class C        |

## Temperature Ratings

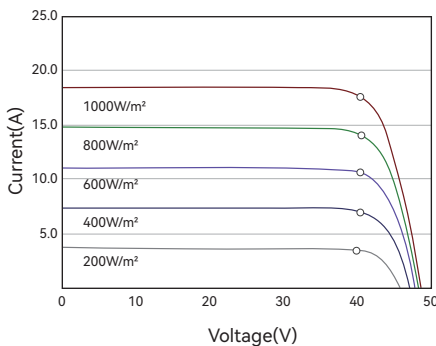
|                                 |            |
|---------------------------------|------------|
| Temperature Coefficient of Pmax | -0.28%/°C  |
| Temperature Coefficient of Voc  | -0.23%/°C  |
| Temperature Coefficient of Isc  | +0.045%/°C |

## Packaging

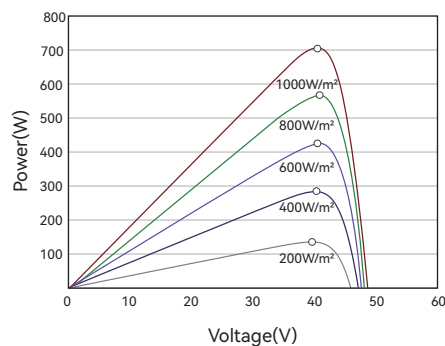
Pcs per Pallet: 33

Pcs per 40' HC: 594

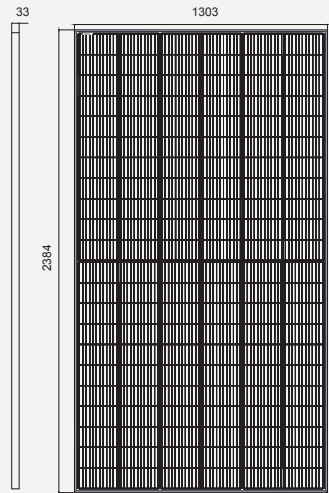
## I-V Curves of PV Module (710W)



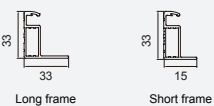
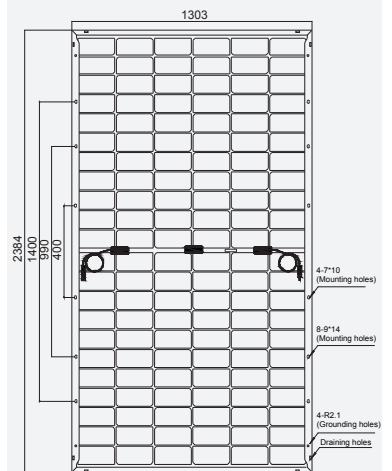
## P-V Curves of PV Module (710W)



## Dimensions (Unit: mm)



Front View



Back View