# N-TOPCon

HANERSUN




# Hitouch 6N PLUS

## HN21N-66HT

# 725-750W

**BIFACIAL**
High Efficiency Module

**24.1%**
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.

### Higher Power Output

The GEN2 cell technology enables higher efficiency in Hanersun modules.

Better light trapping and current collection to improve module power output and reliability.

### Lower Hot Spot and Crack Risk

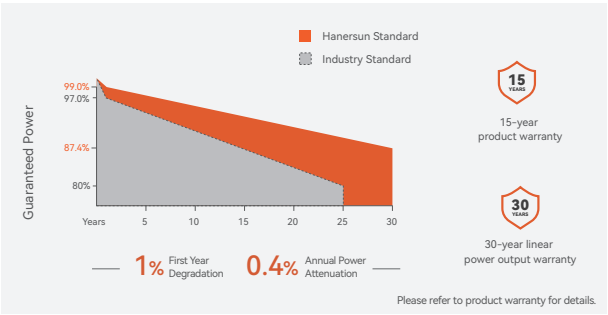
Reduce hot-spot risk with optimized electrical design and lower operating current.

Reduce crack risk by optimization of solar cell design.

### 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 | HN21N-66HT725W | HN21N-66HT730W | HN21N-66HT735W | HN21N-66HT740W | HN21N-66HT745W | HN21N-66HT750W |
|---|---|---|---|---|---|---|
| Maximum Power (Pmax) | 725 | 730 | 735 | 740 | 745 | 750 |
| Maximum Power Voltage (Vmp) | 41.40 | 41.60 | 41.76 | 41.92 | 42.08 | 42.24 |
| Maximum Power Current (Imp) | 17.52 | 17.55 | 17.61 | 17.66 | 17.71 | 17.76 |
| Open-circuit Voltage (Voc) | 49.20 | 49.40 | 49.60 | 49.80 | 50.00 | 50.20 |
| Short-circuit Current (Isc) | 18.54 | 18.58 | 18.62 | 18.66 | 18.70 | 18.74 |
| Module Efficiency(%) | 23.3% | 23.5% | 23.7% | 23.8% | 24.0% | 24.1% |

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

Power Tolerance: 0~+3%

## Electrical Characteristics (BNPI)

| Module Type | 725W | 730W | 735W | 740W | 745W | 750W |
|---|---|---|---|---|---|---|
| Maximum Power (Pmax) | 804 | 809 | 815 | 820 | 826 | 831 |
| Maximum Power Voltage (Vmp) | 41.40 | 41.60 | 41.76 | 41.92 | 42.08 | 42.24 |
| Maximum Power Current (Imp) | 19.43 | 19.45 | 19.52 | 19.57 | 19.63 | 19.68 |
| Open-circuit Voltage (Voc) | 49.20 | 49.40 | 49.60 | 49.80 | 50.00 | 50.20 |
| Short-circuit Current (Isc) | 20.55 | 20.59 | 20.63 | 20.68 | 20.72 | 20.76 |

BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Cell Temperature 25℃, 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 |
| Frame | Anodized Aluminium Alloy | J-Box | IP68 |
| Front Glass | 2.0 mm, AR Coating Heat Strengthened Glass | Connector | Z4S-abcd/MC4-EVO 2A/Others |
| Back Glass | 2.0 mm, Heat Strengthened Glass | Cables | 4.0mm², 300/300mm (can be customized) |

## Operating Parameters

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

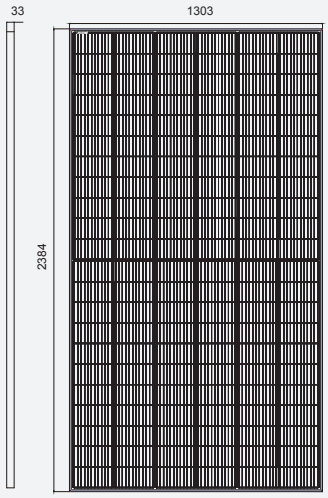
## Temperature Ratings

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

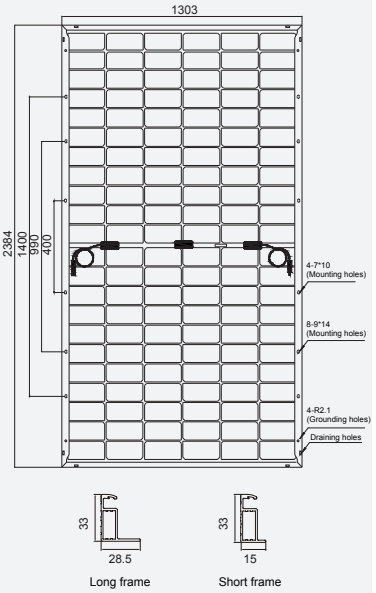
## Packaging

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

## Dimensions (Unit: mm)

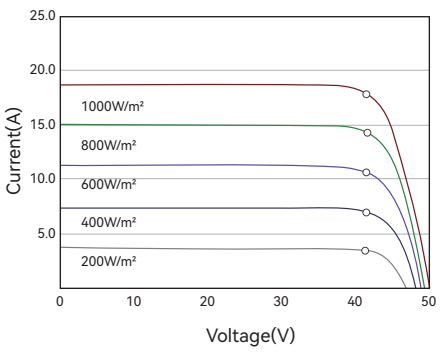



Front View

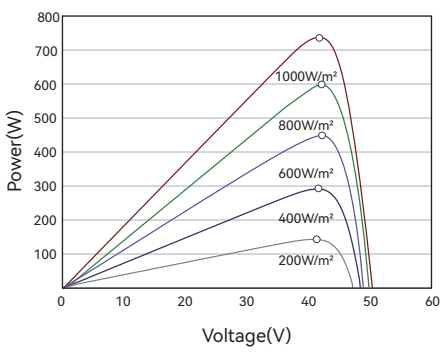



Back View

## I-V Curves of PV Module (740W)




## P-V Curves of PV Module (740W)




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