



## Hitouch 6N

### HN21RN-66H

## 605-630W

### MONOFACIAL

High Efficiency Module

### 23.3%

Maximum Efficiency



#### Long-Term Reliability

Module certified to withstand mechanical test load +5400Pa / -2400Pa.

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.

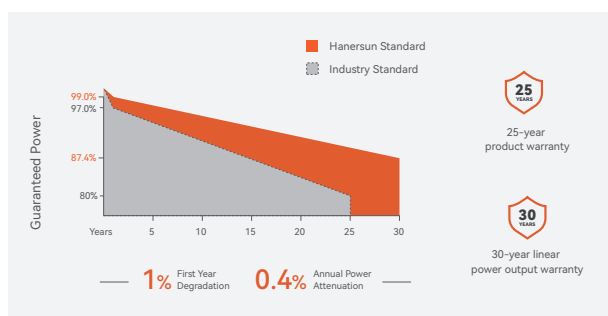
MBB technology enhances current collection with lower series resistance.



#### 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.

Made in China

## Electrical Characteristics (STC)

Module Type	HN21RN-66H605W	HN21RN-66H610W	HN21RN-66H615W	HN21RN-66H620W	HN21RN-66H625W	HN21RN-66H630W
Maximum Power (Pmax)*	605	610	615	620	625	630
Maximum Power Voltage (Vmp)	40.41	40.59	40.77	40.95	41.13	41.31
Maximum Power Current (Imp)	14.98	15.03	15.09	15.15	15.20	15.26
Open-circuit Voltage (Voc)*	48.52	48.72	48.92	49.12	49.32	49.52
Short-circuit Current (Isc)*	15.88	15.94	16.00	16.06	16.12	16.18
Module Efficiency(%)	22.4%	22.6%	22.8%	23.0%	23.1%	23.3%

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

\*Measuring Tolerance: ±3%  
Power Binning Tolerance: 0~+5W

## Mechanical Parameters

Solar Cells	N-TYPE Monocrystalline (210R)
No. of Cells	132 [2 x (11 x 6) ]
Module Dimensions	2382*1134*30/35mm
Weight	27.0kg
Glass	3.2mm, Anti-reflection Coating, High Transmission, Low Iron, Tempered Glass
Backsheet	White
Frame	Anodized Aluminium Alloy
J-Box	IP68
Output Cable	4.0mm <sup>2</sup>
Cable Length	Length Portrait:300/300mm (can be customized)
Connector	Zerun Co.,Ltd / Z4S-abcd Stäubli Electrical connectors AG / PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy

## Operating Parameters

Operational Temperature	-40°C~+70°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	30A
Bifacility	/
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

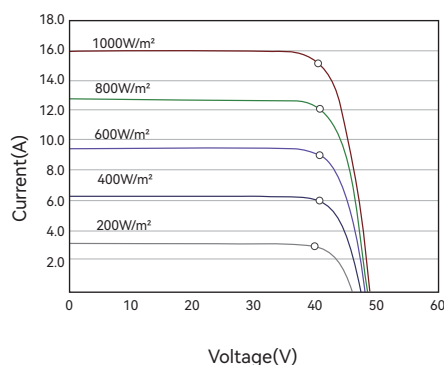
(Do not connect Fuse in Combiner Box with two or more strings in parallel connection)

## Packaging

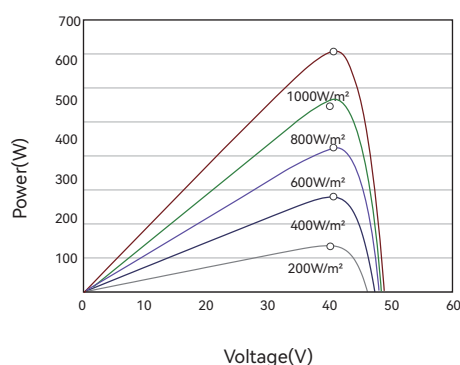
Pcs per Pallet: 37
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Pcs per 40' HC: 740
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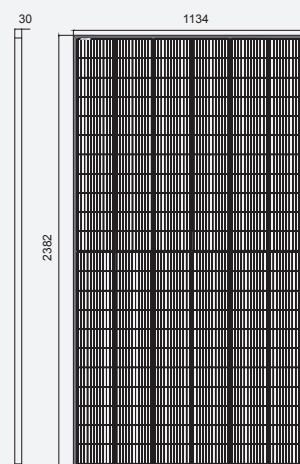
## I-V Curves of PV Module (620W)



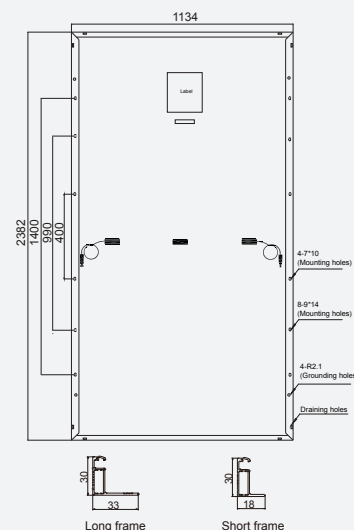
## P-V Curves of PV Module (620W)



## Dimensions (Unit: mm)



Front View



Back View