



Hitouch 6N

HN21N-66H

680-705W

MONOFACIAL

High Efficiency Module

22.7%

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.

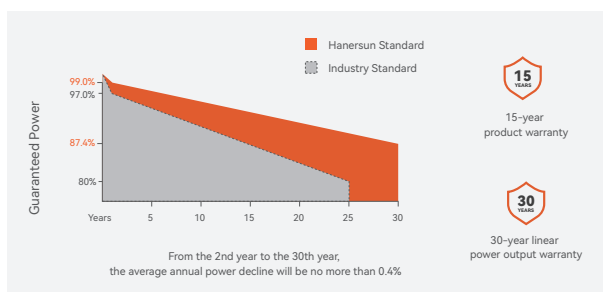
MBB technology enhances current collection with lower series resistance.



Excellent Temperature Coefficient

Lower operating temperature and temperature coefficient increases the power output.

Power Warranty



Certificates



Insurance



About Hanersun

Hanersun is a world-leading energy technology company, with a business scope from the R&D and intelligent manufacturing of solar modules, energy storage products, to comprehensive energy solutions.

Electrical Characteristics (STC)

Module Type	HN21N-66H680W	HN21N-66H685W	HN21N-66H690W	HN21N-66H695W	HN21N-66H700W	HN21N-66H705W
Maximum Power (Pmax)	680	685	690	695	700	705
Maximum Power Voltage (Vmp)	39.60	39.80	40.00	40.20	40.40	40.60
Maximum Power Current (Imp)	17.18	17.22	17.25	17.29	17.33	17.37
Open-circuit Voltage (Voc)	47.40	47.60	47.80	48.00	48.20	48.40
Short-circuit Current (Isc)	18.18	18.22	18.26	18.30	18.34	18.38
Module Efficiency(%)	21.9%	22.1%	22.2%	22.4%	22.5%	22.7%

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

Power Tolerance: 0~+3%
Measuring tolerance: ±3%

Mechanical Parameters

Solar Cells	Monocrystalline (210mm)
No. of Cells	132 [2 x (11 x 6)]
Module Dimensions	2384*1303*33mm
Weight	34.4kg
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 ²
Cable Length	Length Portrait:300/300mm (can be customized)
Connector	MC4/Z4S-abcd/Others

Operating Parameters

Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	35A
Bifaciality	/
Fire Class Rating	Class C

Temperature Ratings

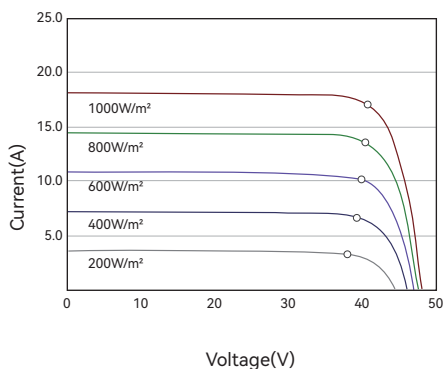
Temperature Coefficient of Pmax	-0.28%/°C
Temperature Coefficient of Voc	-0.23%/°C
Temperature Coefficient of Isc	+0.045%/°C

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

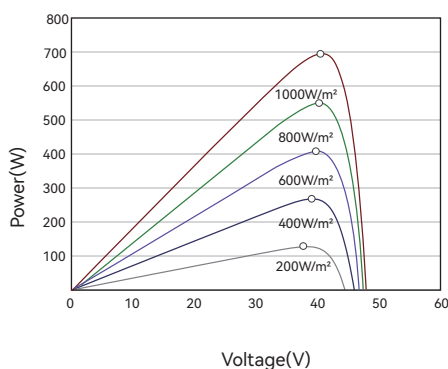
Packaging

Pcs per Pallet: 33	Pcs per 40' HC: 594
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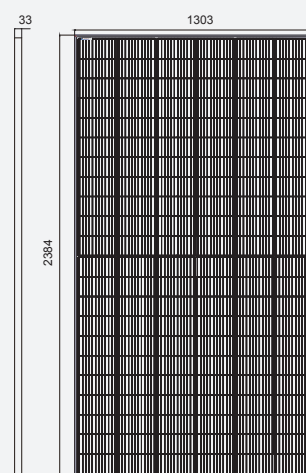
I-V Curves of PV Module (695W)



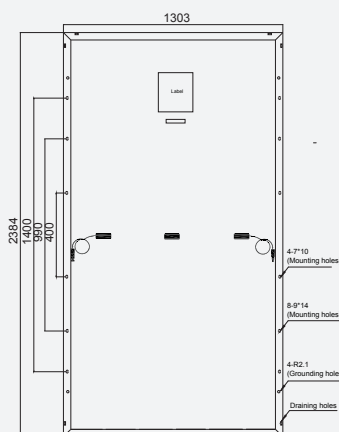
P-V Curves of PV Module (695W)



Dimensions (Unit: mm)



Front View



Back View