N-TOPCon

HANERSUN

Hitouch 6N

HN21N-66HT

685-710W

BIFACIAL
High Efficiency Module

22.9%
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.

Higher Power Output

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

MBB technology enhances current collection with lower series resistance.

Lower Hot Spot and Crack Risk

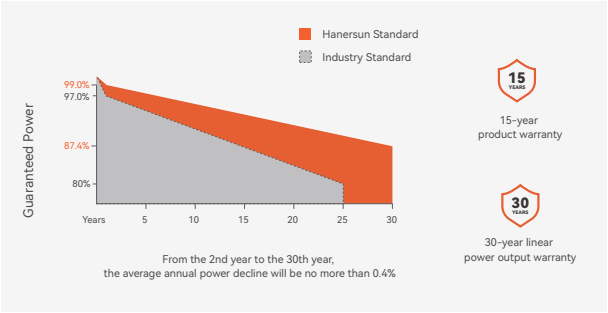
Reduce hot-spot risk with optimized electrical design and lower operating current.

Reduce crack risk by MBB solar cell design.

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-66HT685W	HN21N-66HT690W	HN21N-66HT695W	HN21N-66HT700W	HN21N-66HT705W	HN21N-66HT710W
Maximum Power (Pmax)	685	690	695	700	705	710
Maximum Power Voltage (Vmp)	39.80	40.00	40.20	40.40	40.60	40.80
Maximum Power Current (Imp)	17.22	17.25	17.29	17.33	17.37	17.41
Open-circuit Voltage (Voc)	47.60	47.80	48.00	48.20	48.40	48.60
Short-circuit Current (Isc)	18.22	18.26	18.30	18.34	18.38	18.42
Module Efficiency(%)	22.1%	22.2%	22.4%	22.5%	22.7%	22.9%

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

Power Tolerance: 0~+3%

Electrical Characteristics（BNPI）

Module Type	685W	690W	695W	700W	705W	710W
Maximum Power (Pmax)	759	765	771	776	782	787
Maximum Power Voltage (Vmp)	39.80	40.00	40.20	40.40	40.60	40.80
Maximum Power Current (Imp)	19.08	19.13	19.18	19.21	19.27	19.29
Open-circuit Voltage (Voc)	47.60	47.80	48.00	48.20	48.40	48.60
Short-circuit Current (Isc)	20.19	20.23	20.28	20.32	20.37	20.41

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

Mechanical Parameters

Solar Cells	N-TYPE Monocrystalline(210mm)
Module Dimensions	2384*1303*33mm
Glass	2mm-2mm
Frame	Anodized Aluminium Alloy
Output Cable	4.0mm²

No. of Cells	132 [2 x (11 x 6)]
Weight	37.0kg
J-Box	IP68
Connector	MC4-EVO 2A/Z4S-abcd/Others
Cable Length	300/300mm (can be customized)

Operating Parameters

Operational Temperature	-40℃~+85℃
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%/℃
Temperature Coefficient of Voc	-0.23%/℃
Temperature Coefficient of Isc	+0.045%/℃

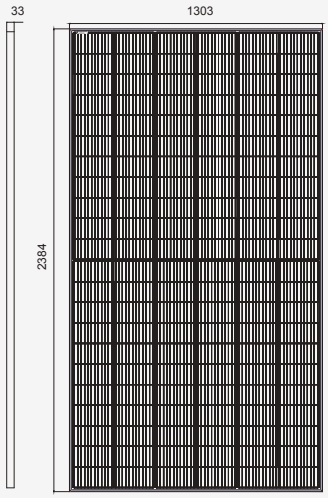
(Do not connect Fuse in Combiner Box with two or more strings in parallel connection)

Packaging

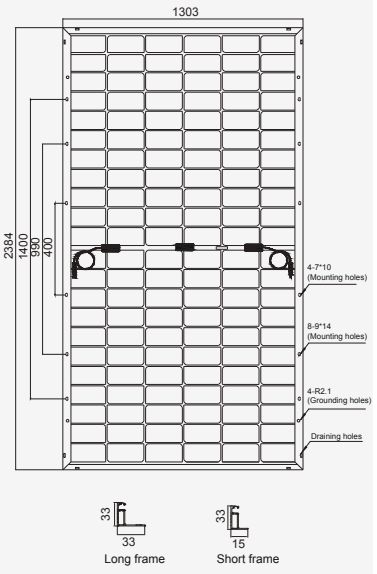
Pcs per Pallet: 33

Pcs per 40' HC: 594

Dimensions (Unit: mm)

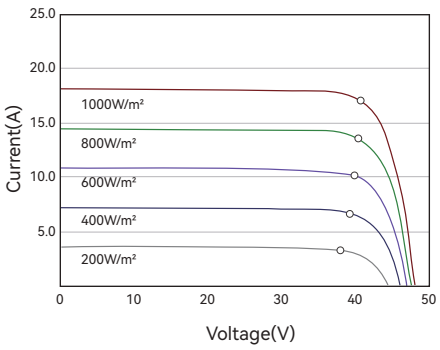


Front View



Back View

I-V Curves of PV Module (695W)



P-V Curves of PV Module (695W)