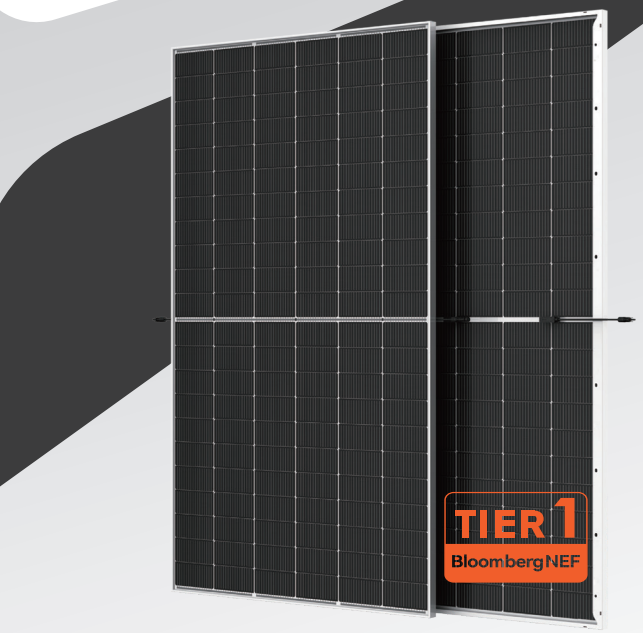
N-TOPCon

HANERSUN



Hitouch 6N

HN21RN-66HT

605-630W

BIFACIAL
High Efficiency Module

23.3%
Maximum Efficiency

Higher Power Output

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

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

Excellent Temperature Coefficient

Lower operating temperature and temperature coefficient increases the power output.

Long-Term Reliability

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

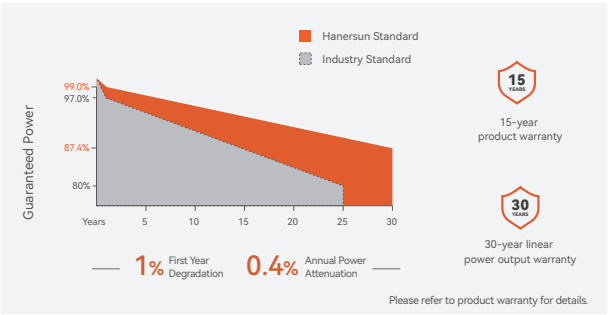
Excellent anti-PID performance to guarantee a better sustainability in harsh environment.

Lower Hot Spot and Crack Risk

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

Reduce crack risk by optimization of solar cell design.

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	HN21RN-66HT605W	HN21RN-66HT610W	HN21RN-66HT615W	HN21RN-66HT620W	HN21RN-66HT625W	HN21RN-66HT630W
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/m², Cell Temperature 25℃, Air Mass AM1.5.

Power Tolerance: 0~+3%

Electrical Characteristics（BNPI）

Module Type	605W	610W	615W	620W	625W	630W
Maximum Power (Pmax)	670	676	681	687	693	698
Maximum Power Voltage (Vmp)	40.41	40.59	40.77	40.95	41.13	41.31
Maximum Power Current (Imp)	16.59	16.66	16.71	16.78	16.85	16.90
Open-circuit Voltage (Voc)	48.52	48.72	48.92	49.12	49.32	49.52
Short-circuit Current (Isc)	17.60	17.66	17.73	17.79	17.86	17.93

BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Cell Temperature 25℃, Air Mass AM1.5.

Mechanical Parameters

Solar Cells	N-TYPE Monocrystalline (210R)
Module Dimensions	2382*1134*30mm
Frame	Anodized Aluminium Alloy
Front Glass	2.0 mm, AR Coating Heat Strengthened Glass
Back Glass	2.0 mm, Heat Strengthened Glass

No. of Cells	132 [2 x (11 x 6)]
Weight	32.5kg
J-Box	IP68
Connector	Z4S-abcd/MC4-EVO 2A/Others
Cables (Including Connector)	4.0mm², 300/300mm (can be customized)

Operating Parameters

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

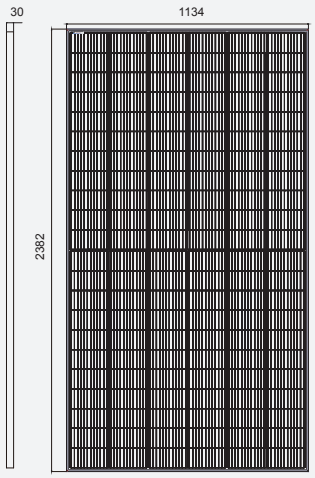
Temperature Ratings

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

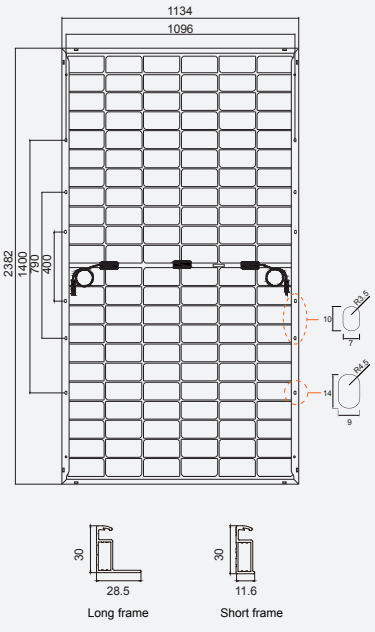
Packaging

Pcs per Pallet: 37	Pcs per 40' HC: 740

Dimensions (Unit: mm)

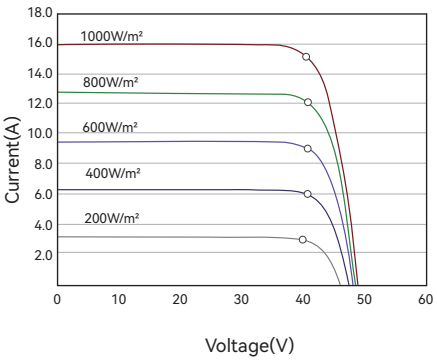


Front View

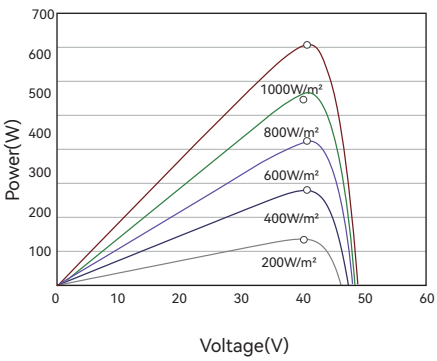


Back View

I-V Curves of PV Module (620W)



P-V Curves of PV Module (620W)



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