



Hitouch ^{6N} PRO

HN21RN-66QT

650-670W

BIFACIAL

High Efficiency Module

24.8%

Maximum Efficiency



Higher Power Output

Built on next-generation N-type TOPCon cell technology and a multi-cell architecture, enabling a significant increase in front-side power output.



Superior Heat Resistance

Optimized temperature co-efficient due to multi-cell design and advanced module layout



Excellent Low-Light Performance

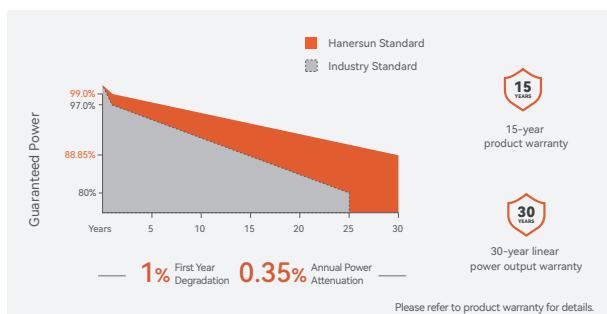
An optimized cell structure ensures reliable energy yield even under low-irradiance conditions.



Long-Term Reliability

Advanced metallization processes and high-density encapsulation provide strong resistance to PID, LID, LeTID, and UV-induced degradation.

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-66QT650W	HN21RN-66QT655W	HN21RN-66QT660W	HN21RN-66QT665W	HN21RN-66QT670W
Maximum Power (Pmax)	650	655	660	665	670
Maximum Power Voltage (Vmp)	42.13	42.24	42.35	42.46	42.57
Maximum Power Current (Imp)	15.43	15.51	15.59	15.67	15.74
Open-circuit Voltage (Voc)	50.36	50.48	50.60	50.72	50.84
Short-circuit Current (Isc)	16.36	16.43	16.50	16.57	16.64
Module Efficiency(%)	24.1%	24.2%	24.4%	24.6%	24.8%

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

Power Tolerance: 0~+3%

Electrical Characteristics (BNPI)

Module Type	650W	655W	660W	665W	670W
Maximum Power (Pmax)	725	731	736	742	747
Maximum Power Voltage (Vmp)	42.13	42.24	42.35	42.46	42.57
Maximum Power Current (Imp)	17.21	17.31	17.38	17.48	17.55
Open-circuit Voltage (Voc)	50.36	50.48	50.60	50.72	50.84
Short-circuit Current (Isc)	18.24	18.32	18.40	18.48	18.55

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

Mechanical Parameters

Solar Cells	N-TYPE Monocrystalline (210R)	No. of Cells	264 (66 x 4)
Module Dimensions	2382*1134*30mm	Weight	32.5kg
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 (Including Connector)	4.0mm², +400/-600mm (can be customized)

Operating Parameters

Operational Temperature	-40°C~+70°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	35A
Bifaciality	85±5%
Fire Class Rating	Class C

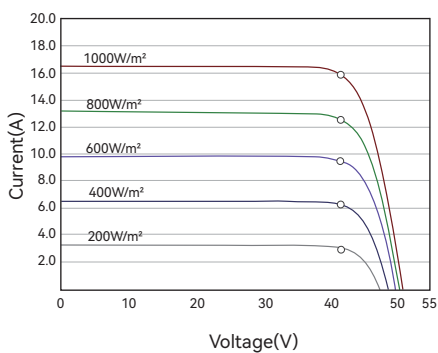
Temperature Ratings

Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

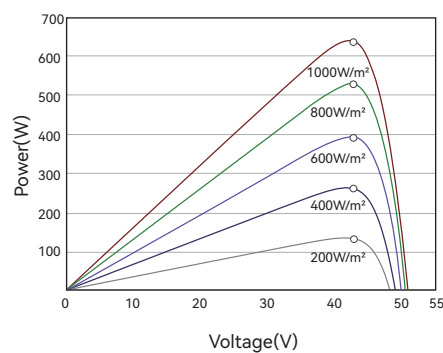
Packaging

Pcs per Pallet: 37	Pcs per 40' HC: 740
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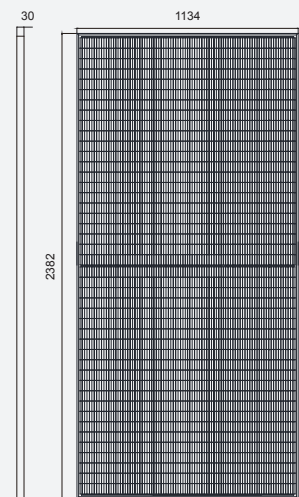
I-V Curves of PV Module (660W)



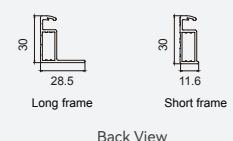
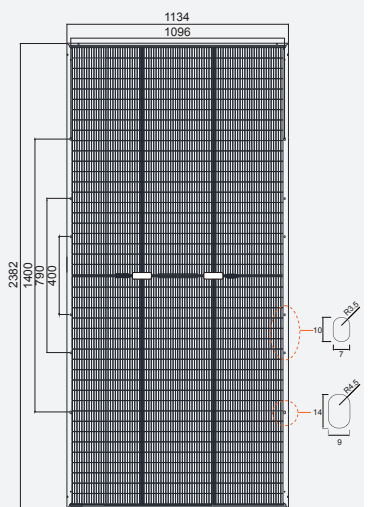
P-V Curves of PV Module (660W)



Dimensions (Unit: mm)



Front View



Back View