

# Hitouch 6H

HN21H-66HT

705-725W

## HJT

Bifacial Module

23.34%

Maximum Efficiency

15 YEARS

Product Warranty



### 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.



### 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.

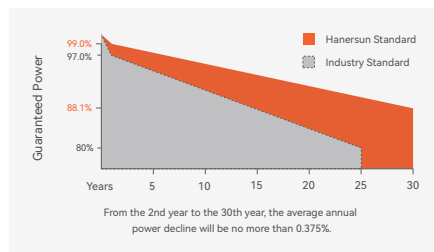


### Lower Hot Spot and Crack Risk

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

Reduce crack risk by MBB solar cell design.

### Power Warranty



### Insurance

Munich RE

### Certificates



15-year product warranty



30-year linear power output warranty

### 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**

Module Type	HN21H-66HT705W		HN21H-66HT710W		HN21H-66HT715W		HN21H-66HT720W		HN21H-66HT725W	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax)	705	542	710	546	715	549	720	553	725	557
Maximum Power Voltage (Vmp)	42.25	40.45	42.39	40.59	42.54	40.74	42.68	40.88	42.83	41.02
Maximum Power Current (Imp)	16.69	13.40	16.75	13.46	16.81	13.48	16.87	13.53	16.93	13.58
Open-circuit Voltage (Voc)	50.29	48.49	50.44	48.64	50.59	48.79	50.74	48.94	50.89	49.09
Short-circuit Current (Isc)	17.49	14.45	17.55	14.52	17.61	14.54	17.67	14.58	17.73	14.64
Module Efficiency(%)	22.70%		22.86%		23.02%		23.18%		23.34%	

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.  
\*Measuring tolerance: 0 ~ +5W

NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

**Electrical Characteristics with 10% Solar Irradiation Ratio**

Module Type	HN21H-66HT705W	HN21H-66HT710W	HN21H-66HT715W	HN21H-66HT720W	HN21H-66HT725W
Maximum Power (Pmax)	775	780	785	790	795
Maximum Power Voltage (Vmp)	42.25	42.39	42.54	42.68	42.83
Maximum Power Current (Imp)	18.35	18.41	18.46	18.51	18.57
Open-circuit Voltage (Voc)	50.29	50.44	50.59	50.74	50.89
Short-circuit Current (Isc)	19.22	19.28	19.33	19.39	19.45

**Mechanical Parameters**

Solar Cells	HJT Mono(210*105mm)
Module Dimensions	2384*1303*33mm
Glass	2mm-2mm
Frame	Anodized Aluminium Alloy
Output Cable	4.0mm <sup>2</sup> , 300/300mm

No. of Cells	132 [2 x (11 x 6) ]
Weight	38.7kg
Encapsulant Material	EVA/POE
J-Box	IP68
Connector	MC4 Compatible

**Temperature Ratings**

NMOT (Nominal operating cell temperature)	44°C(±2°C)
Temperature Coefficient of Pmax	-0.260%/°C
Temperature Coefficient of Voc	-0.240%/°C
Temperature Coefficient of Isc	+0.040%/°C

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

**Operating Parameters**

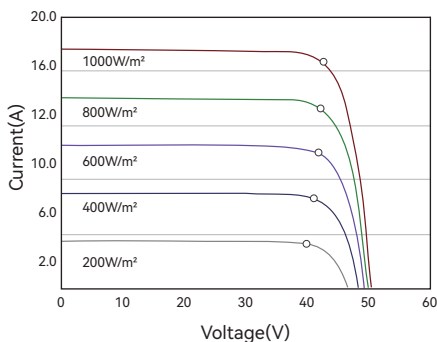
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	35A
Bifacility	85%~90%

**Packaging**

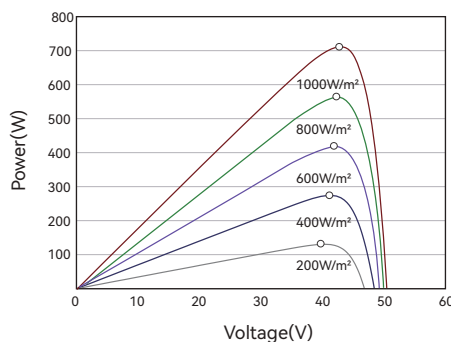
Pcs per Pallet: 33

Pcs per 40' HC: 594

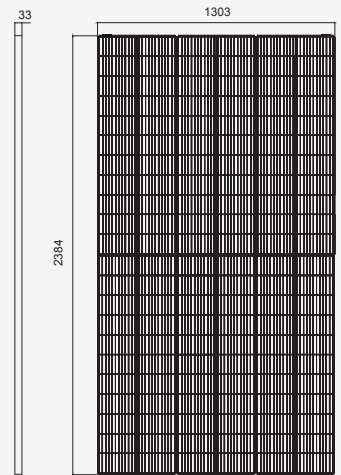
**I-V Curves of PV Module (710W)**



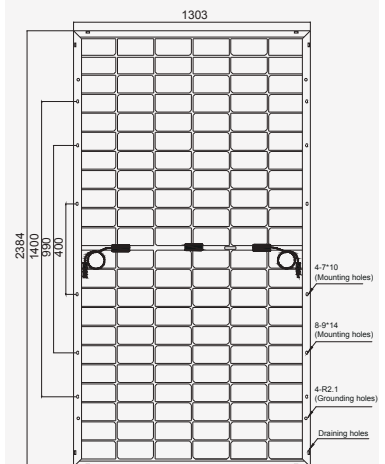
**P-V Curves of PV Module (710W)**



**Dimensions (Unit: mm)**



Front View



Back View