

N⁺SERIES

SUN210THCDXXX-66(X=710~720)

710~720W **22.86~23.18%** **0~+5W** **≤1%** **≤0.4%**
 MAXIMUM POWER OUTPUT MAX MODULE EFFICIENCY POWER TOLERANCE POWER DEGRADATION FIRST YEAR POWER DEGRADATION YEAR 2~30

BIFACIAL MODULE

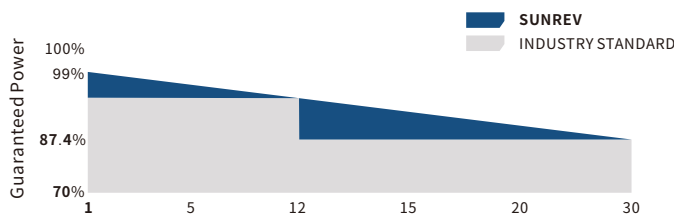
N-Type

IEC 61215(2021), IEC 61730(2023)

ISO 9001:2015: Quality management system

ISO 14001:2015: Environment System

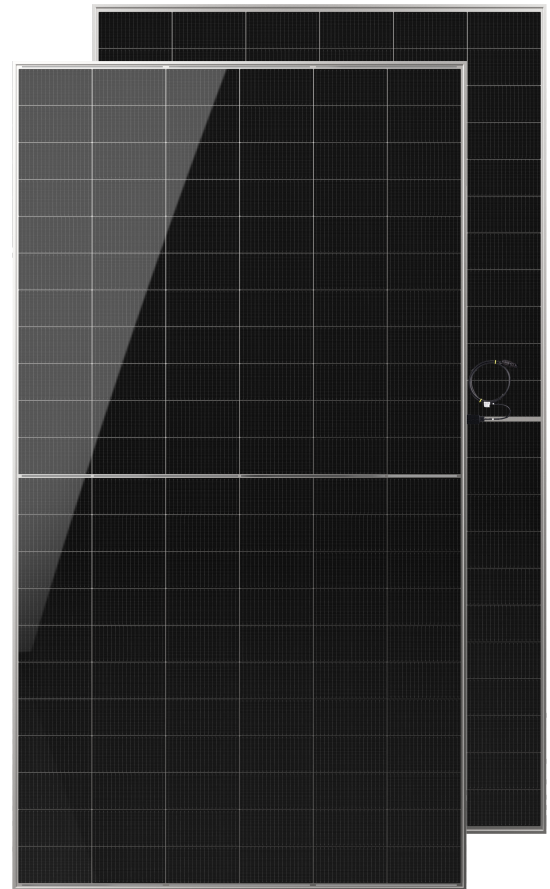
ISO 45001:2018: Occupational health management systems



12-Year Warranty for Materials and Processing

30-Year Warranty for Extra Linear Power Output

0.40% Annual Degradation Over 30 years



PRODUCT FEATURES



SMBB Technology Half Cut N-Type Cell
Better light trapping and current collection to improve module power output and reliability.



Higher Power Output
Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.



PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Higher reliability

The N-type has a single-watt power generation gain of over 3% compared to PERC modules, reduces power temperature loss, and exhibits excellent high-temperature performance. Low electricity cost



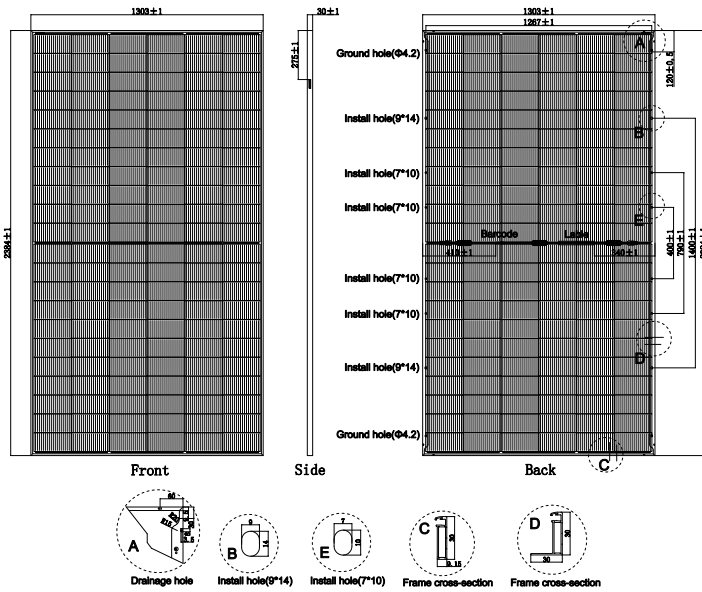
Enhanced Mechanical Load

Test load 5400Pa(downward) and 2400 Pa(upward).



Made in China

Drawing Information



Connector Model

- 1: Zerun Co., Ltd. Z4S-abcd
- 2: Zhejiang Minghe New Energy Technology Co., Ltd. PV-MH5
- 3: Zhejiang Chint XinHui PV Co., Ltd. PV-HCC40

Packaging Configuration

Per Pallet	36Pcs	
Container	20'GP	40'HQ
Pcs/Container	/	648

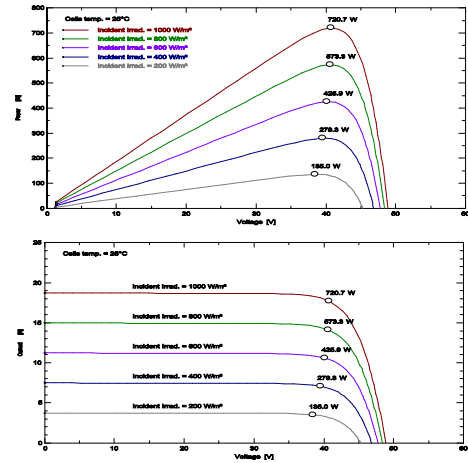
ELECTRICAL PARAMETERS

Module Type	SUN210THCD710-66			SUN210THCD715-66			SUN210THCD720-66		
	STC	BNPI	aBSI	STC	BNPI	aBSI	STC	BNPI	aBSI
Maximun Power(Pmax/W)	710	787		715	792		720	798	
Maximun Power Voltage(Vmp/V)	40.80	40.80		41.00	41.00		41.20	41.20	
Maximun Power Current(Imp/A)	17.41	19.29		17.44	19.32		17.48	19.37	
Open-circuit Voltage(Voc/V)	48.50	48.50		48.70	48.70		48.90	48.90	
Shot-circuit Current(Isc/A)	18.60	20.61	23.06	18.66	20.68	23.14	18.72	20.74	23.21
Module Efficiency(%)	22.86			23.02			23.18		
Module [T _{gs}] _{max}	70°C								
Maximun system voltage	1500VDC								
Maximun series fuse rating	35A								
Tolerance of Pmax/Voc/Isc	±3%								
Temperature coefficients of Pmax	-0.290%/°C								
Temperature coefficients of Voc	-0.250%/°C								
Temperature coefficients of Isc	0.040%/°C								
Bifaciality Coefficient	φVoc=100±5% φIsc=80±5% φPmax=80±5%								

- *STC:** ☀ Irradiance 1000W/m² 🌡 Cell temperatura 25°C ☁ AM=1.5
- *BNPI:** ☀ Irradiance front 1000W/m² rear 135W/m² 🌡 Cell temperatura 25°C ☁ AM=1.5
- *aBSI:** ☀ Irradiance front 1000W/m², rear 300W/m² 🌡 Cell temperatura 25°C ☁ AM=1.5

Manufacturer: Sunrev (Yangzhou) Photovoltaic Technology Co., Ltd.
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 Zone 225100 Yangzhou City, Jiangsu Province PEOPLE, S REPUBLIC OF CHINA

I-V Curve(720W)



Mechanical Parameters

Cell Type	N type Mono-crystalline
No. of cells	132(6*22)
Dimensions	2384*1303*30mm
Weight	39.5kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Frame
Junction Box	IP68 Rated / 3 Diodes
Output Cables	4.0mm ² +300mm-300mm, or Customized length
Fire Safety Class	Class C according to UL790



<https://www.sunrev.com.au/>