

U⁺ SERIES

SUN210MHCD660-66

BIFACIAL MODULE

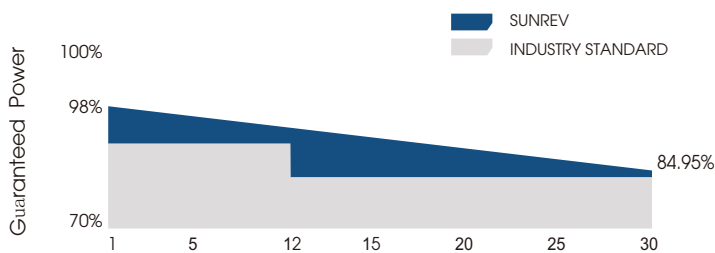
PERC-Type

IEC 61215(2016), IEC 61730(2016)

ISO 9001:2015: Quality management system

ISO 14001:2015: Environment System

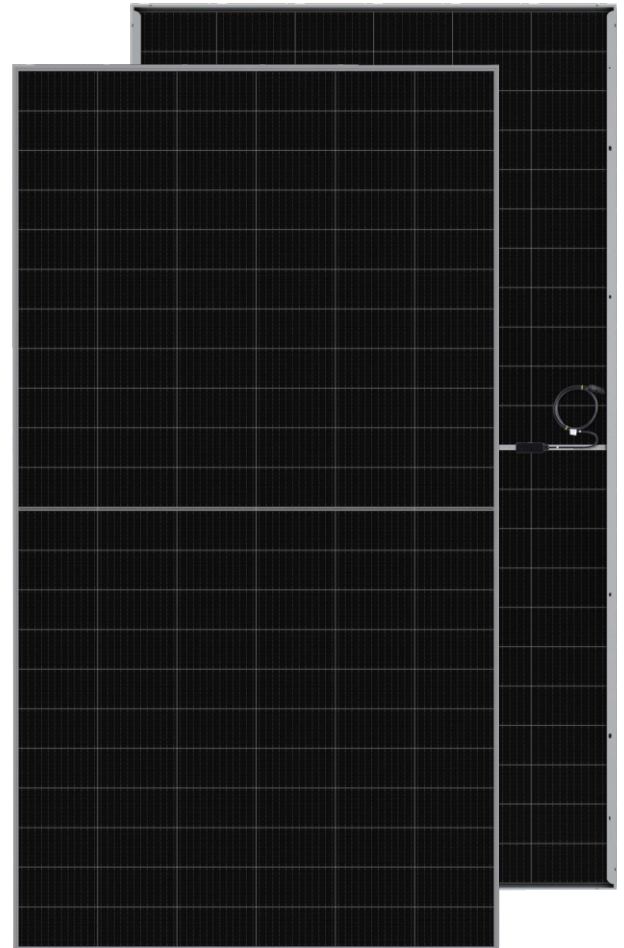
ISO 45001:2018: Occupational health management systems



12-Year Warranty for Materials and Processing

30-Year Warranty for Extra Linear Power Output

0.45% Annual Degradation Over 30 years



PRODUCT FEATURES



MBB PERC Half Cut Cell

Higher power generation with multi-busbar and half-cut technology.



Enhanced Mechanical Load

Certified to withstand: wind load (2400Pascall) and snow load (5400Pascall).



Excellent Low-light Performance

Better performance under shading effect.

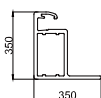
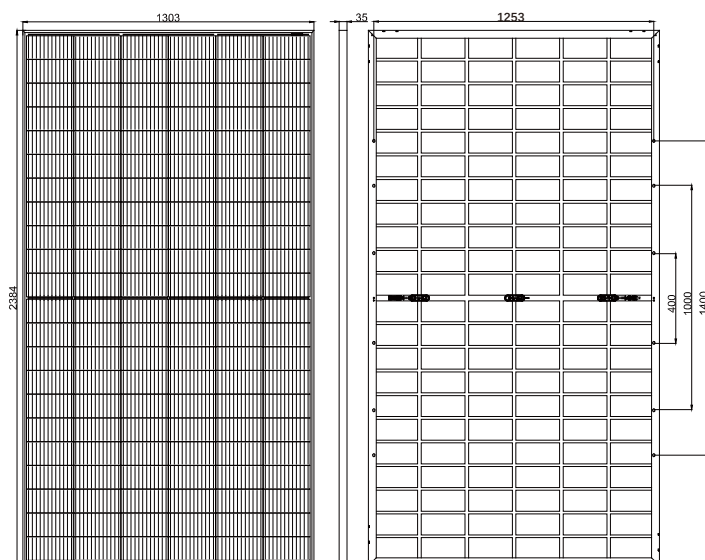


High Reliability

Guaranteed $\pm 3\%$ positive tolerance secures reliable power output. Optimized electrical design lowers hot spot risk and operating current.



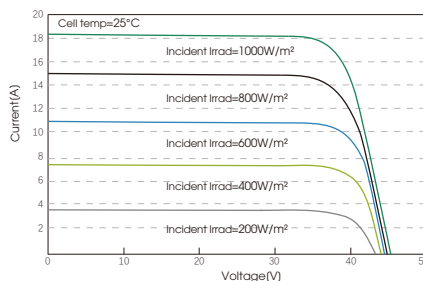
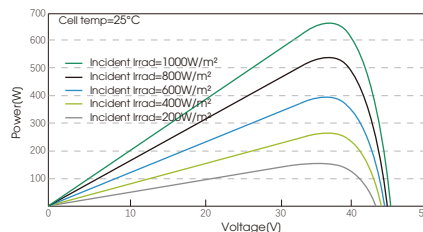
Drawing Information



Packaging Configuration

Per Pallet	31 Pcs
Container	40' HQ
Pcs/Container	558

I-V Curve



Mechanical Parameters

Cell Type	PERC type Mono-crystalline
No. of cells	132(6x22)
Dimensions	2384x1303x35mm
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	4.0mm²/+450mm -250mm, or Customized Length
Connector	Zerun Co.,Ltd. Z4S-abcde, IP68
Fire Rating	Class C

ELECTRICAL PARAMETERS

Module Type	SUN210MHCD660-66
Power Sorting	0~+5W
Maximum Power(Pmax/W±3%)	660
Maximum Power Voltage(Vmp/V)	38.23
Maximum Power Current(Imp/A)	17.27
Open-circuit Voltage(Voc/V±3%)	45.89
Short-circuit Current(Isc/A±3%)	18.28
Module Efficiency(%)	21.25%
Operating Temperature(°C)	-40°C ~ +70°C
Maximum system voltage	DC1500V
Maximum series fuse rating	35A
Power tolerance	±3%
Temperature coefficients of Pmax	-0.27%/°C
Temperature coefficients of Voc	-0.35%/°C
Temperature coefficients of Isc	0.045%/°C
Nominal operating cell temperature(NOCT)	45±2°C

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

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