

Creator 1.0

490-510W

108-HJT BIFACIAL MODULE WITH DUAL GLASS

15

Years Product Warranty

30

Years Linear Power Warranty



OBB Technology

Lower light obstruction, higher conductivity.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



All-black Design

Sleek all-black minimalism, blending technology and artistry.



Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

N-type modules have higher reliability and lower LID/LETID.



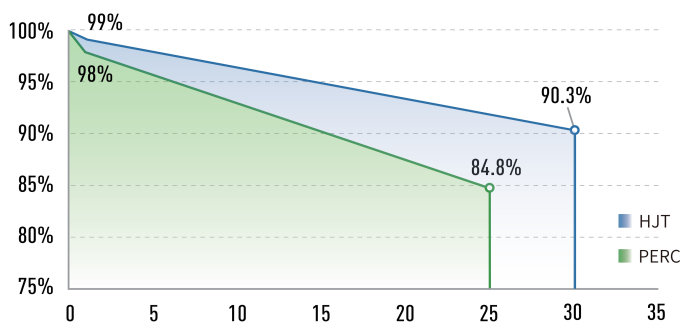
IEC61215:2021 / IEC61730:2023

IEC60068 / IEC61701 / IEC62716 / IEC62804

ISO9001:2015: ISO Quality Management System

ISO14001:2015: ISO Environment Management System

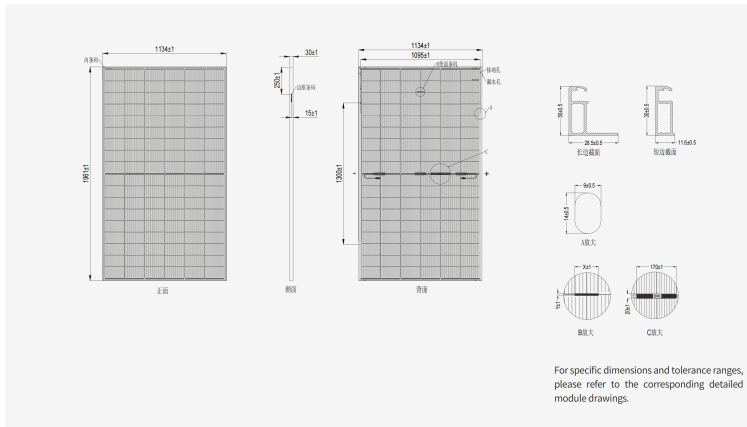
ISO45001:2018: Occupational Health and Safety Management Systems



Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics

Cell Type	HJT Mono-crystalline
No. of Cells	108 (6×18)
Dimensions	1961×1134×30mm
Weight	27.6kg
Front Glass	2.0mm Anti-reflection Coating
Back Glass	2.0mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Black Frame
Junction Box	IP68 Rated
Output Cables	4mm ² (+):350mm,(-):250mm; or Customized Length
Connectors Type	MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)

Module Types	SEHN210R-108D-490CB	SEHN210R-108D-495CB	SEHN210R-108D-500CB	SEHN210R-108D-505CB	SEHN210R-108D-510CB
Max Power(Pmax)[W]	490	495	500	505	510
Open Circuit Voltage(Voc)[V]	40.56	40.58	40.60	40.62	40.65
Short Circuit Current(Isc)[A]	15.10	15.14	15.18	15.22	15.26
Max.Power Voltage(Vmp)[V]	34.40	34.65	34.90	35.15	35.39
Max.Power Current(Imp)[A]	14.34	14.38	14.42	14.46	14.50
Module Efficiency(%)	22.03	22.26	22.48	22.71	22.93
Power Tolerance	0 ~ +5W				

STC (Standard Test Conditions) : Irradiance 1000W/m², Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%

Packaging Configuration			
	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	24	27	24
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	864	972	864

Temperature Coefficients	
Nominal Operating Cell Temp. (NOCT)	44±2°C
Temperature Coefficient of max δ(‰/°C)	-0.24
Temperature Coefficient of Voc β(‰/°C)	-0.22
Temperature Coefficient of Isc α(‰/°C)	0.04

Application Conditions	
Operating Temperature	-40°C~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	25A

Safety & Warranty	
Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty

