

# Creator 1.0

## 445-465W

96-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.



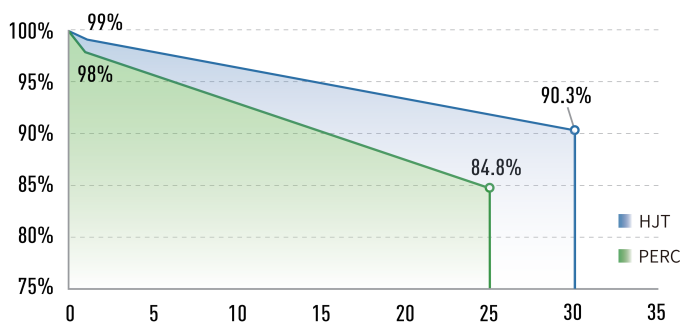
IEC61215:2021 / IEC61730:2023

IEC60068 / IEC61701 / IEC62716 / IEC62804

ISO9001:2015: ISO Quality Management System

ISO14001:2015: ISO Environment Management System

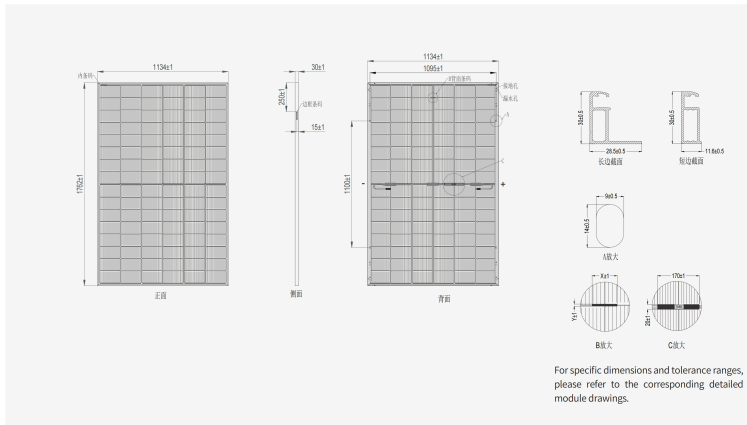
ISO45001:2018: Occupational Health and Safety Management Systems



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	96 (6×16)
Dimensions	1762×1134×30mm
Weight	20.24kg
Front Glass	1.6mm Anti-reflection Coating
Back Glass	1.6mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Black Frame
Junction Box	IP68 Rated
Output Cables	4mm <sup>2</sup> (+):350mm,(-):250mm; or Customized Length
Connectors Type	MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)					
Module Types	SEHN210R-096D-445CB	SEHN210R-096D-450CB	SEHN210R-096D-455CB	SEHN210R-096D-460CB	SEHN210R-096D-465CB
Max Power(Pmax)[W]	445	450	455	460	465
Open Circuit Voltage(Voc)[V]	36.09	36.11	36.13	36.15	36.17
Short Circuit Current(Isc)[A]	15.18	15.22	15.26	15.30	15.34
Max.Power Voltage(Vmp)[V]	31.02	31.24	31.26	31.68	31.90
Max.Power Current(Imp)[A]	14.42	14.46	14.50	14.54	14.58
Module Efficiency(%)	22.27	22.52	22.77	23.02	23.27
Power Tolerance	0 ~ +5W				
STC (Standard Test Conditions) : Irradiance 1000W/m <sup>2</sup> , 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	28	36	26
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	1008	1296	936

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

