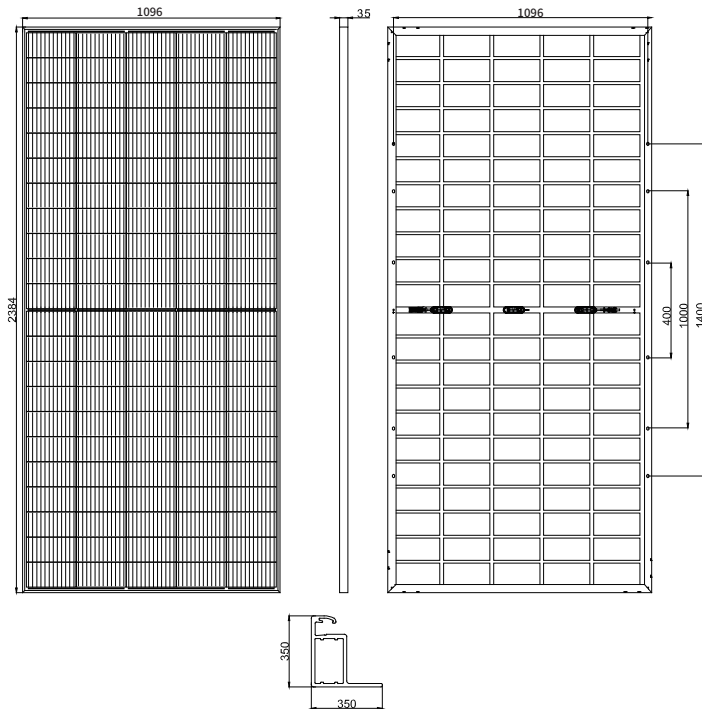


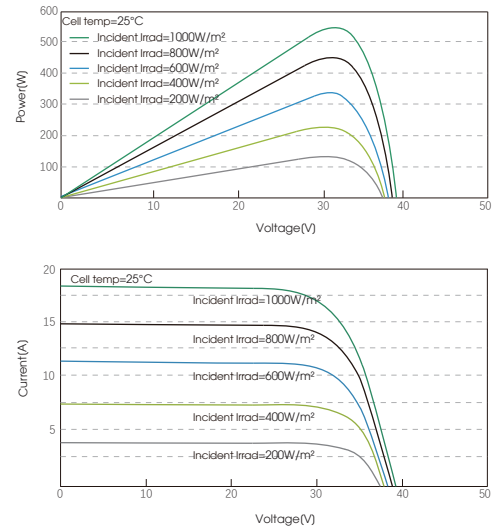
Drawing Information



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	110(5x22)
Dimensions	2384x1096x35mm
Weight	33kg
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/+350mm -280mm, or Customized Length

ELECTRICAL PARAMETERS

Module Type	210MHC540-55		210MHC545-55		210MHC550-55		210MHC555-55	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	540	395	545	395	550	395	555	395
Maximum Power Voltage(Vmp/V)	31.20	30.67	31.40	30.67	31.60	30.67	31.80	30.67
Maximum Power Current(Imp/A)	17.33	12.88	17.37	12.88	17.40	12.88	17.45	12.88
Open-circuit Voltage(Voc/V)	37.50	36.67	37.70	36.67	37.90	36.67	38.10	36.67
Short-circuit Current(Isc/A)	18.41	13.42	18.47	13.42	18.52	13.42	18.56	13.42
Module Efficiency(%)	20.67%		20.86%		21.05%		21.243%	
Operating Temperature(°C)	-40°C ~ +85°C							
Maximum system voltage	DC1000V/1500V							
Maximum series fuse rating	30A							
Power tolerance	0~+5W							
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

*NOCT: Irradiance 800W/m²

Cell Temperature 25°C

AM=1.5

Wind Speed 1m/s



U⁺ SERIES

SUN210MHCDxxx-55

540-555 Watt

BIFACIAL MODULE

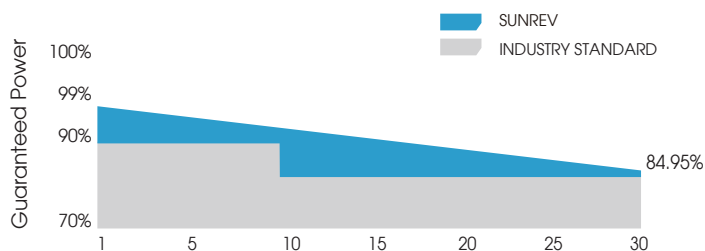
PERC-Type

IEC 61215(2016), IEC 61730(2016)

ISO 9001:2015: Quality management system

ISO 14001:2015: Environment System

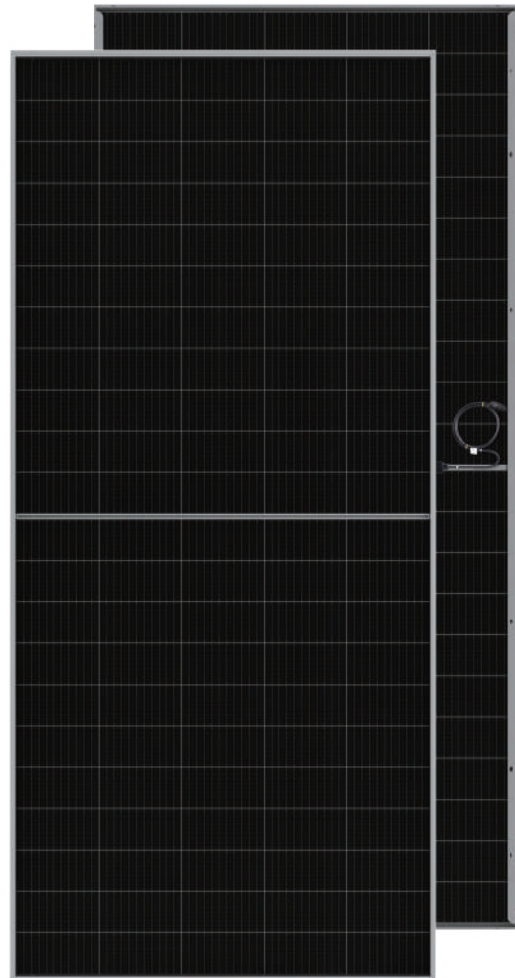
ISO 45001:2018: Occupational health management systems



12-Year Warranty for Materials and Processing

30-Year Warranty for Extra Linear Power Putput

0.45% Annual Degradation Over 30 years



PRODUCT FEATURES



MBB PERC Half Cut Cell

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



Excellent Low-light Performance

Better performance under shading effect.



High Reliability

Guaranteed 0~+5W positive tolerance secures reliable power output. Optimized electrical design lowers hot spot risk and operating current.



Anti PID

Industry-leading cell processing technology and electrical design ensure.



Enhanced Mechanical Load

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

