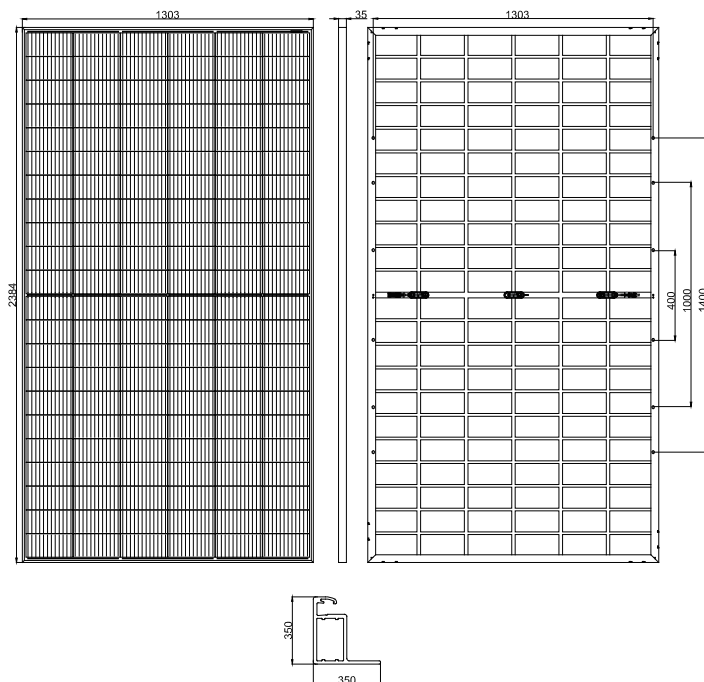


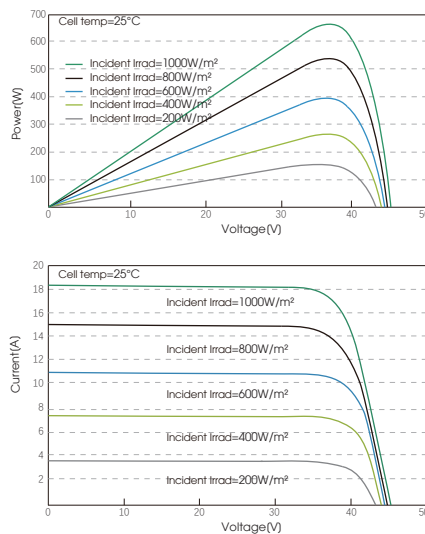
## Drawing Information



## 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/+350mm -280mm, or Customized Length

## ELECTRICAL PARAMETERS

Module Type	210MHCD650-66		210MHCD655-66		210MHCD660-66		210MHCD665-66		210MHCD670-66	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	650	490	655	495	660	499	665	503	670	506
Maximum Power Voltage(Vmp/V)	37.40	42.75	37.60	42.92	37.80	43.11	38.00	43.28	38.20	43.50
Maximum Power Current(Imp/A)	17.39	14.69	17.43	14.73	17.47	14.77	17.51	14.82	17.55	14.86
Open-circuit Voltage(Voc/V)	45.30	35.10	45.50	35.28	45.70	35.47	45.90	35.66	46.10	35.84
Short-circuit Current(Isc/A)	18.43	18.52	18.48	18.57	18.53	18.61	18.58	18.65	18.63	18.69
Module Efficiency(%)	20.93%		21.09%		21.25%		21.41%		21.57%	
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<sup>+</sup> SERIES

## SUN210MHCDxxx-66

### 650-670 Watt

BIFACIAL MODULE

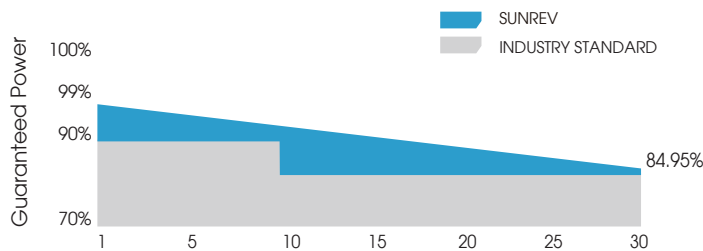
#### PERC-Type

IEC 61215(2016), IEC 61730(2016)

ISO 9001:2015: Quality management system

ISO 14001:2015: Environment System

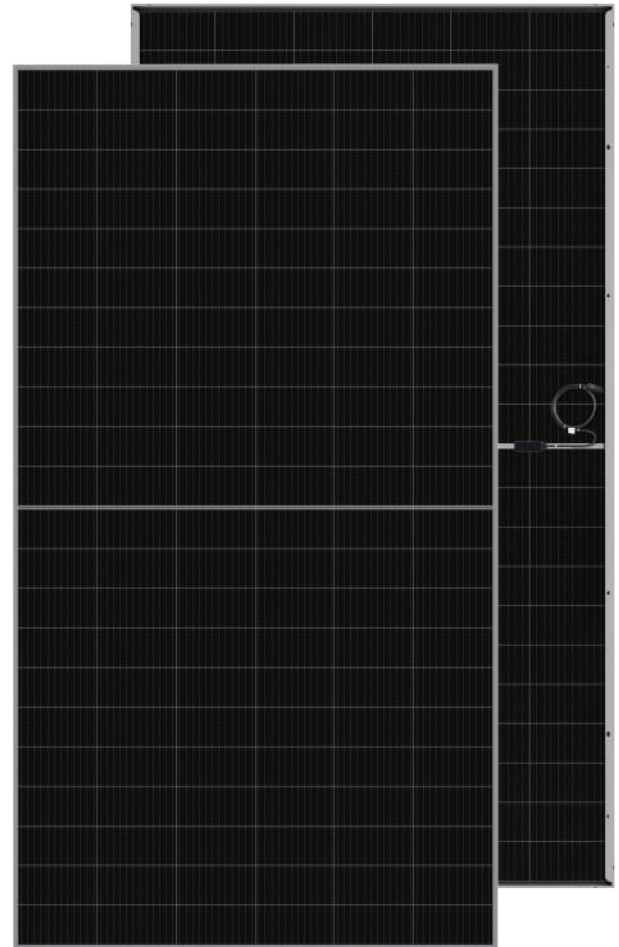
ISO 45001:2018: Occupational health management systems



**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 (2400Pascal) and snow load (5400Pascal).

