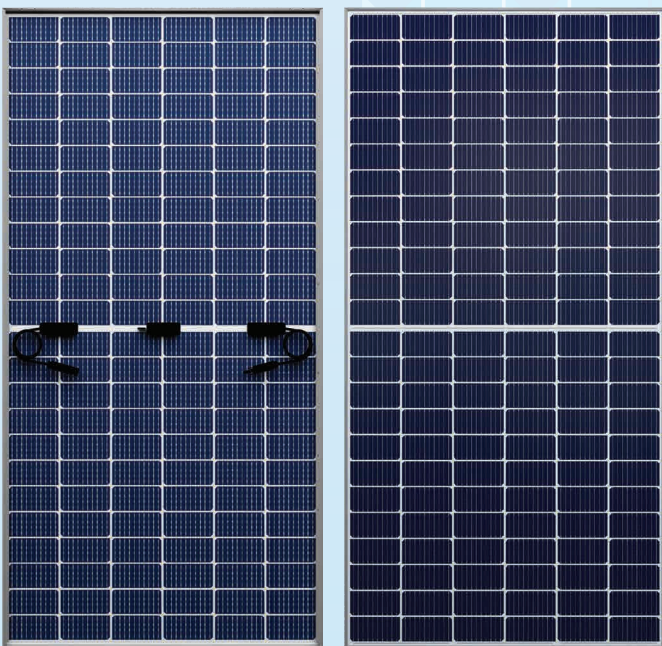




**SUPER HIGH POWER**

# PERC Bifacial Full Screen PV module

No Dust and Dirt on the Surface  
Increase Power Generation



Output power		
The 1 <sup>st</sup> year	The 15 <sup>th</sup> year	The 30 <sup>th</sup> year
≥ 98.00%	≥ 93.05%	≥ 84.95%

**15**  
YEAR

Product materials and  
workmanship quality  
warranty



## Increase power generation by 6.15%+

panel is capable to decrease power generation loss caused by Dust, reduce the hot spot risk.



**Curved Surface 128° R Angle reduce holding pressure by 75%+** curved Frame with ergonomic Design, optimized delivery and installation Experience.



## Revolutionary Assembling Technology

Using excellent frame assembling technology, Strong Adhesion, Durable in Use.



## Excellent mechanical load capacity

Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pa) and snow load (5400 Pa).

- MAGNIZON Solar Linear power output guarantee
- Standard Linear power output guarantee

Comprehensive Products & System Certificates

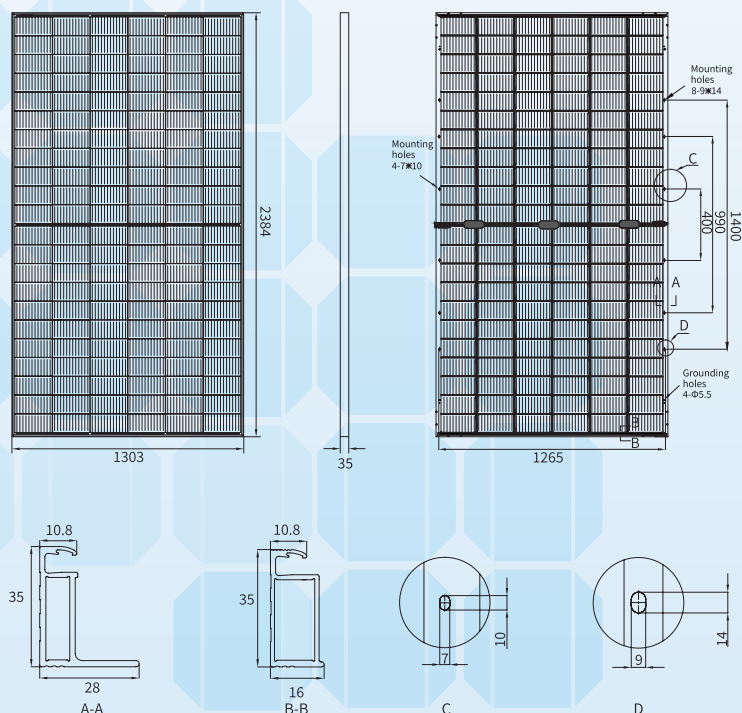


TUV/IEC/EN 61215, IEC/EN 61730  
GB/T 19001-2016/ ISO 9001:2015  
GB/T 24001-2016/ ISO 14001:2015

GB/T 45001-2020/ ISO 45001:2018  
CNAS-CL01: ISO/IEC 17025:2017

# Super high power PERC bifacial solar module

## ENGINEERING DRAWING



## MECHANICAL PARAMETERS

Cell (mm)	210*105 PERC
Dimensions (L*W*H) (mm)	2384*1303*35
Weight (kg)	38.4
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells & Connections	132(6*22)
No. of Diodes	3
Frame	Anodized Aluminium Alloy
Glass Thickness (mm)	2.0

## QUALIFICATION

Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	35
Max.Wind Load/Max.Snow Load (Pa)	2400/5400
Hot Spot Rate	100% Free
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68
Bifacial Factor(%)	70±5

## TEMPERATURE COEFFICIENTS

Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.29 %/°C
Temperature Coefficient Current (Isc)	0.04 %/°C
Temperature Coefficient Power (Pm)	-0.34 %/°C

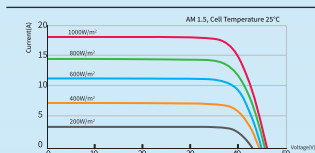
## ELECTRICAL PARAMETERS

### Module Type (1500V DC)

STC AM1.5 1000W/m <sup>2</sup> Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	650	655	660	665	670
	Output Tolerance (W)	0+5	0+5	0+5	0+5	0+5
	Max. Power Voltage (Vmp/V)	37.84	38.06	38.29	38.51	38.73
	Max. Power Current (Imp/A)	17.18	17.21	17.24	17.27	17.30
	Open Circuit Voltage (Voc/V)	45.54	45.76	45.98	46.20	46.42
	Short Circuit Current (Isc/A)	18.22	18.28	18.34	18.40	18.46
	Module Efficiency (%)	20.92	21.09	21.25	21.41	21.57
With Different Power Generation Gain (Regarding 660W as an example)	Backside Power Gain	10%		20%		30%
	Max. Power (Pmpp/W)	726		792		858
	Max. Power Voltage (Vmp/V)	38.29		38.29		38.29
	Max. Power Current (Imp/A)	18.96		20.69		22.41
	Open Circuit Voltage (Voc/V)	45.98		45.98		45.98
	Short Circuit Current (Isc/A)	20.17		22.01		23.84
	Module Efficiency (%)	23.37		25.50		27.62

\*Measurement tolerance: Pmax:±3%, Voc:±3%; Isc: ±5%.

## I-V CURVE (660W)



## PACKING CONFIGURATION

Pieces Per Pallet	31
Pallets Per Container	18
Pieces Per Container	558

## Default

## Optional

Connector Type	<input type="checkbox"/> MC4 Compatible	<input type="checkbox"/> MC4
Cable Length	<input type="checkbox"/> 400mm/300mm	<input type="checkbox"/> Customized
Frame Color	<input type="checkbox"/> Silver	<input type="checkbox"/> Black

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We conceptualize a unique way simplifying and customizing the products, at the same time ensuring best possible and optimized techno commercial solutions to our customers.

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