

## 410W

High power PERC solar module - Tier1

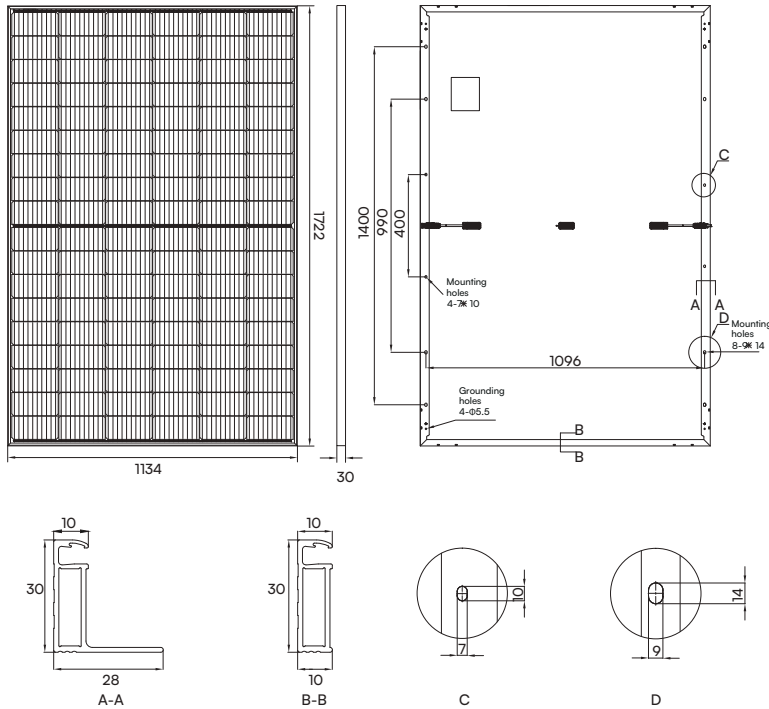
**SKU: 11605**

Output power

<b>1st</b> Year ≥ 98.00%	<b>12th</b> Year ≥ 91.95%	<b>25th</b> Year ≥ 84.80%
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12-year product materials and workmanship quality warranty

## ENGINEERING DRAWING



## MECHANICAL PARAMETERS

Cell (mm)	182*91 PERC
Dimensions (L*W*H) (mm)	1722*1134*30
Weight (kg)	21.0
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells & Connections	108(6*18)
No. of Diodes	3
Frame	Anodized Aluminium Alloy
Glass Thickness (mm)	3.2

## QUALIFICATION

Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	25
Max.Wind Load/Max.Snow Load (Pa)	2400/5400
Hot Spot Rate	100% Free
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68

## TEMPERATURE COEFFICIENTS

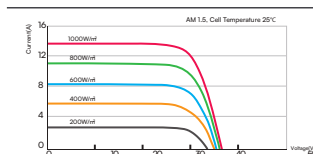
Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.29 %/°C
Temperature Coefficient Current (Isc)	0.04 %/°C
Temperature Coefficient Power (Pm)	-0.34 %/°C

## ELECTRICAL PARAMETERS

STC AM1.5 1000W/m <sup>2</sup> Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	410
	Output Tolerance (W)	0-+5
	Max. Power Voltage (Vmp/V)	31.62
	Max. Power Current (Imp/A)	12.97
	Open Circuit Voltage (Voc/V)	37.21
	Short Circuit Current (Isc/A)	13.79
	Module Efficiency (%)	20.99
NMOT AM1.5 800W/m <sup>2</sup> Ambient Temperature 20°C Wind Speed 1m/s	Max. Power (Pmpp/W)	310.2
	Max. Power Voltage (Vmp/V)	29.89
	Max. Power Current (Imp/A)	10.38
	Open Circuit Voltage (Voc/V)	35.13
	Short Circuit Current (Isc/A)	11.10

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

## I-V CURVE (410W)



## PACKING CONFIGURATION

Pieces Per Pallet	36
Pallets Per Container	26
Pieces Per Container	936

## Default

## Optional

Connector Type	<input type="checkbox"/> MC4Compatible	<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
Max. System Voltage	<input type="checkbox"/> 1500V	<input type="checkbox"/> 1000V