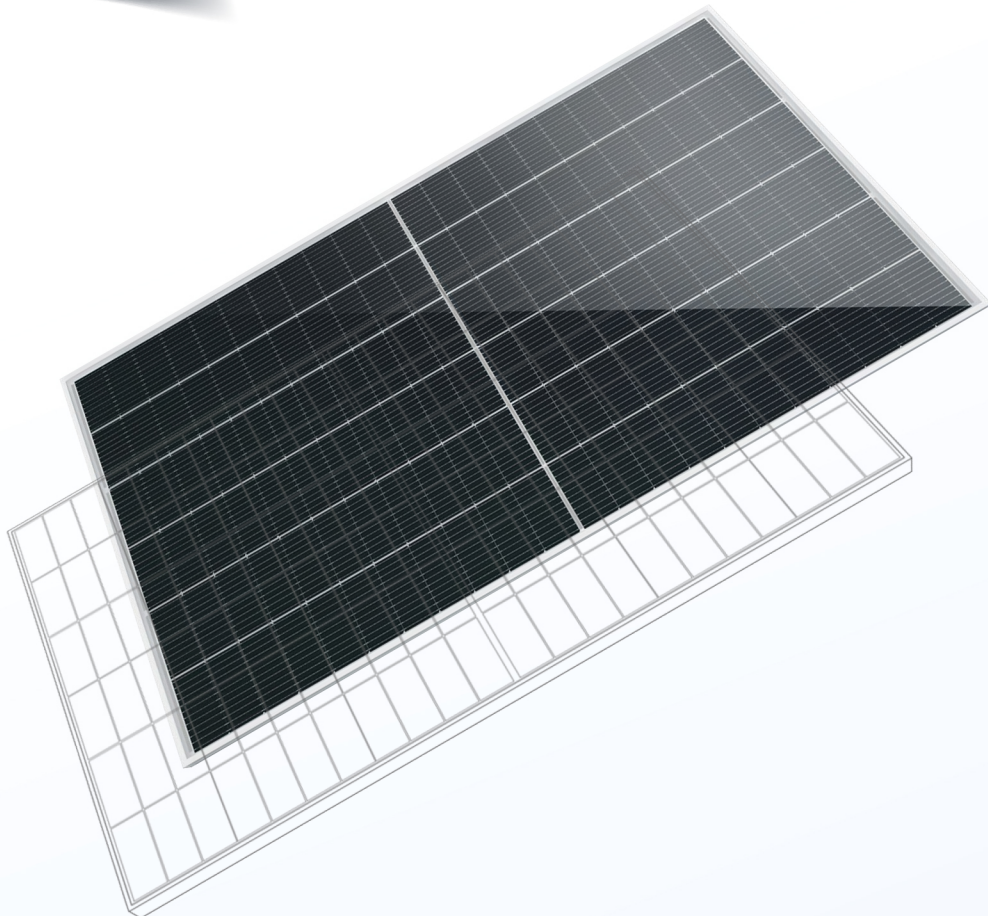


TOPCon Mono-crystalline PV Module

210 Cell-18BB | Non-destructive Cut | Bifacial

Module Type: Mono solar Panel 710W

710W



High Power High Compatibility

Outstanding performance in weak-light conditions, lower operating temperature

Different types of modules are suitable for various application scenarios



Product
Warranty



Performance Warranty
(Monofacial)



Performance Warranty
(Bifacial)

Mono-crystalline Solar PV Modules

M210R-66N
TOPCon **710W**

22.9%

Module efficiency

TOPCon Mono-crystalline Bifacial Module

Module Type: Mono solar Panel 710W

Electrical Specifications

STC: AM1.5 Temperature 25°C Irradiance 1000 W/m ²	Peak Power(P _{max})±3%	(W)	710
	Power Tolerance	(W)	0~+5
	Max.Power Voltage(V _{mp})	(V)	40.93
	Max.Power Current(I _{mp})	(A)	17.35
	Open-circuit Voltage(V _{oc})±3%	(V)	48.86
NMOT: AM1.5 Temperature 20°C Wind speed 1m/s Irradiance 800 W/m ²	Short-circuit Current(I _{sc}) +3%	(A)	18.16
	Peak Power(P _{max})±3%	(W)	531.1
	Max.Power Voltage(V _{mp})	(V)	38.06
	Max.Power Current(I _{mp})	(A)	13.95
	Open-circuit Voltage(V _{oc})	(V)	45.44
	Short-circuit Current(I _{sc})	(A)	14.79
Operating Temperature		(°C)	-40~+85
Max. Series Fuse Rating		(A)	35
Max. System Voltage(DC)		(V)	1500 (IEC)

Mechanical Specifications

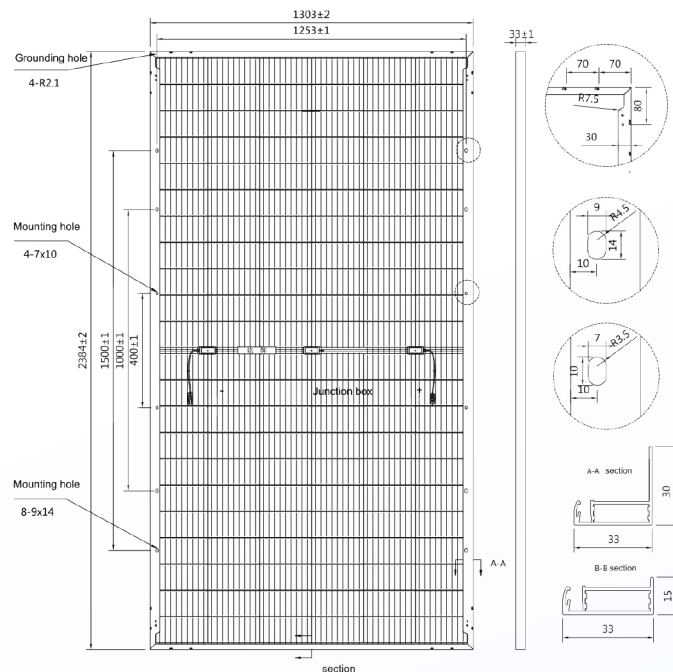
Solar Cells	N-Mono-210*105mm
Arrangement	Type-6*11*2
Front Glass	2.0mm tempered glass
Back Glass	2.0mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cables	4.0mm ² photovoltaic cables
Connectors	MC4 compatible/IP68
Maximum Load Capacity	Snow-5400Pa/Wind-2400Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Packing Configuration

Package Weight & Size		1250Kg/pallet & 1320*1120*2520mm		
20'GP Container	/	/	/	/
40'HQ Container	33 pcs/pallet	18 pallets/40'HQ	594 pcs	
13.5m Land Truck	33 pcs/pallet	20 pallets/truck	660 pcs	

Dimensions of PV Module(mm)

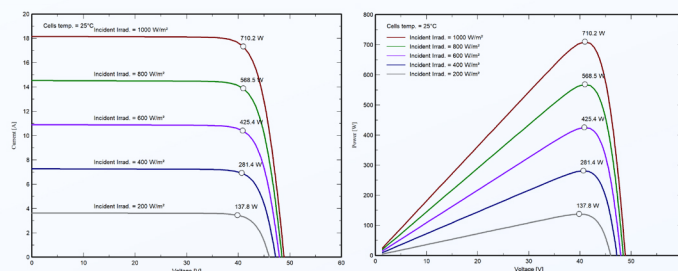
Module Dimensions	2384(±2)*1303(±2)*33mm
Module Weight	37.0 kg(±3%)



Temperature Characteristics

Temperature Coefficient (P _{max})	δ[%/°C]	-0.30
Temperature Coefficient (V _{oc})	β[%/°C]	-0.25
Temperature Coefficient (I _{sc})	α[%/°C]	+0.05
Nominal Operating Cell Temperature	NMOT	45°C±2°C

I-V & P-V Curves



Current-Voltage Characteristic

Power-Voltage Characteristic

Different Backside Power Gain

Power Gain		5%	15%	25%
Maximum Power(P _{max})	(W)	745.5	816.5	887.5
Max.Power Voltage(V _{mp})	(V)	40.93	40.93	40.93
Max.Power Current(I _{mp})	(A)	18.21	19.95	21.68
Open-circuit Voltage(V _{oc})	(V)	48.86	48.86	48.86
Short-circuit Current(I _{sc})	(A)	19.31	21.15	22.99

Contact information

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