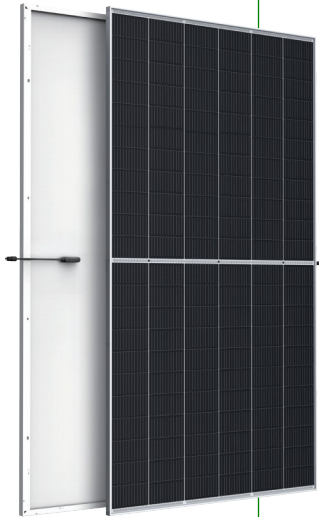


MONO

# 120 Half-Cells



## V210 series, monofacial module



### Features



#### High PID resistant

Advanced cell technology and qualified materials lead to high resistance to PID



#### High module efficiency

Advanced module technology delivers superior module efficiency



#### Current sorting process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



#### Low-light Performance

Positive tolerance of up to 5W delivers higher output reliability



#### Extended wind and snow load tests

Module certified to withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal)



#### High system voltage Compatible

Maximum 1500VDC system voltage saves total system cost

Certifications and standards:  
IEC 61215, IEC 61730, conformity to CE



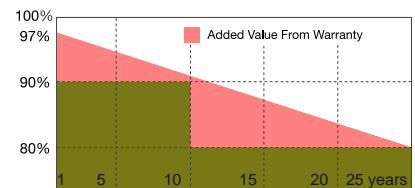
Chinayard Co.,LTD designs, manufactures and delivers high efficient solar modules to the world.

Founded in 2009, Chinayard is well known for its advanced technology, reliable product quality, and excellent customer service.

As one of leading PV enterprises, Chinayard has delivered more than 2.0G of solar products to residential, commercial, utility and off-grid projects all around the world.

### Superior Warranty

- 12-year product warranty
- 25-year linear power output warranty



Chinayard distributor



Chinayard Co.,LTD

Version: CYC\_V2210\_EN

All information and data are subject to change without notice.

Email:chinayardliu@126.com

www.chinayard.com

## Electrical characteristics at Standard Test Conditions(STC)

Model	CYC-V210-MF120-590M	CYC-V210-MF120-595M	CYC-V210-MF120-600M	CYC-V210-MF120-605M
Maximum Power(Pm)	590Wp	595Wp	600Wp	605Wp
Cell type	Mono	Mono	Mono	Mono
Optimum Operating Current(Imp)	17.34A	17.39A	17.43A	17.47A
Short Circuit Current (Isc)	18.56A	18.61A	18.65A	18.69A
Optimum Operating Voltage(V)	34.01V	34.2V	34.41V	34.62V
Open Circuit Voltage(Voc)	40.43V	40.66V	40.91V	41.15V
Maximum System Voltage	1500V			
Module efficiency	20.85%	21.02%	21.20%	21.38%

Standard Test Conditions (STC): Irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C.

Measuring uncertainty of power: ±3%.

Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

## Temperature Characteristics

Nominal Operating Cell Temperature(NOCT) 45±2°C

Temperature Coefficient of Pmax -0.35%/°C

Temperature Coefficient of Voc -0.27%/°C

Temperature Coefficient of ISC +0.48%/°C

## Material Characteristics

Dimension 2172\*1303\*35mm

Weight Appro 30.9kgs

Frame Anodized aluminum alloy

Front Glass low-iron tempered glass ,3.2mm

Cell Encapsulation EVA (Ethylene-Vinyl-Acetate)

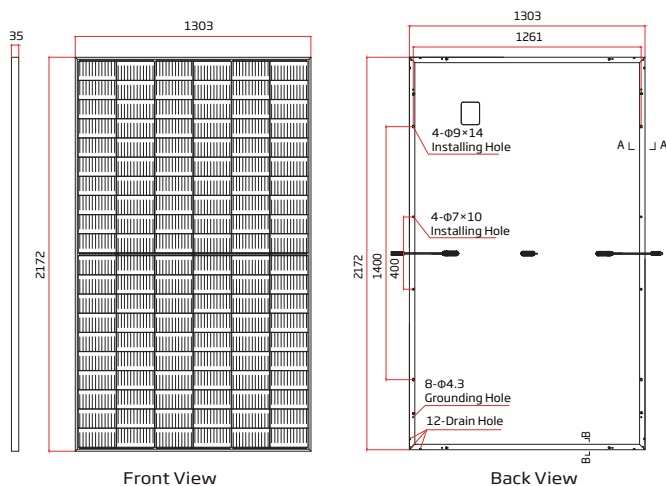
Back Sheet Composite film

Cells (quantity/material) 120 piece solar cells

Junction Box IP68

Cable&Connector 4mm<sup>2</sup>, +280mm, -280mm  
Length can be customized

## Dimensions and Structure



A-A



B-B

Units: mm

## Packaging

31pcs/pallet

558pcs/40HC

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