



∟ CN SOLAR(POLY SERIES)

● STRENGTHS

Tolerance \pm 3%
2 Bus Bar Configuration
Plug and Play Connectors
High Transmission, Low Iron
Tempered Glass
Can bear loads up to 5400
pascals (IEC 61215 2nd)

● WARRANTY

10 years product guarantee.
25 years performance
warranty of 90% for the first
10 years and 80% for the
remaining 15 years.



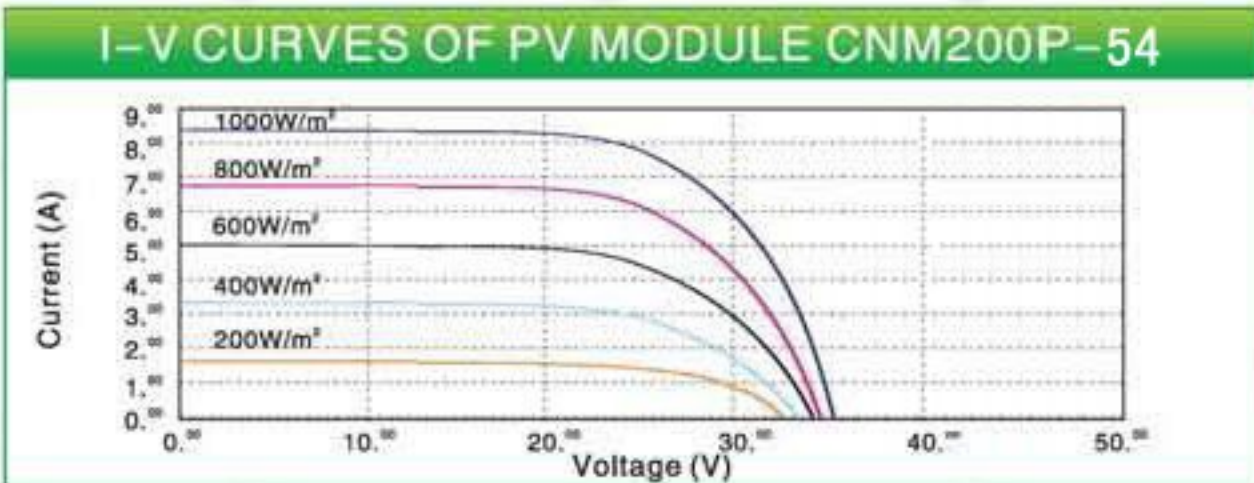
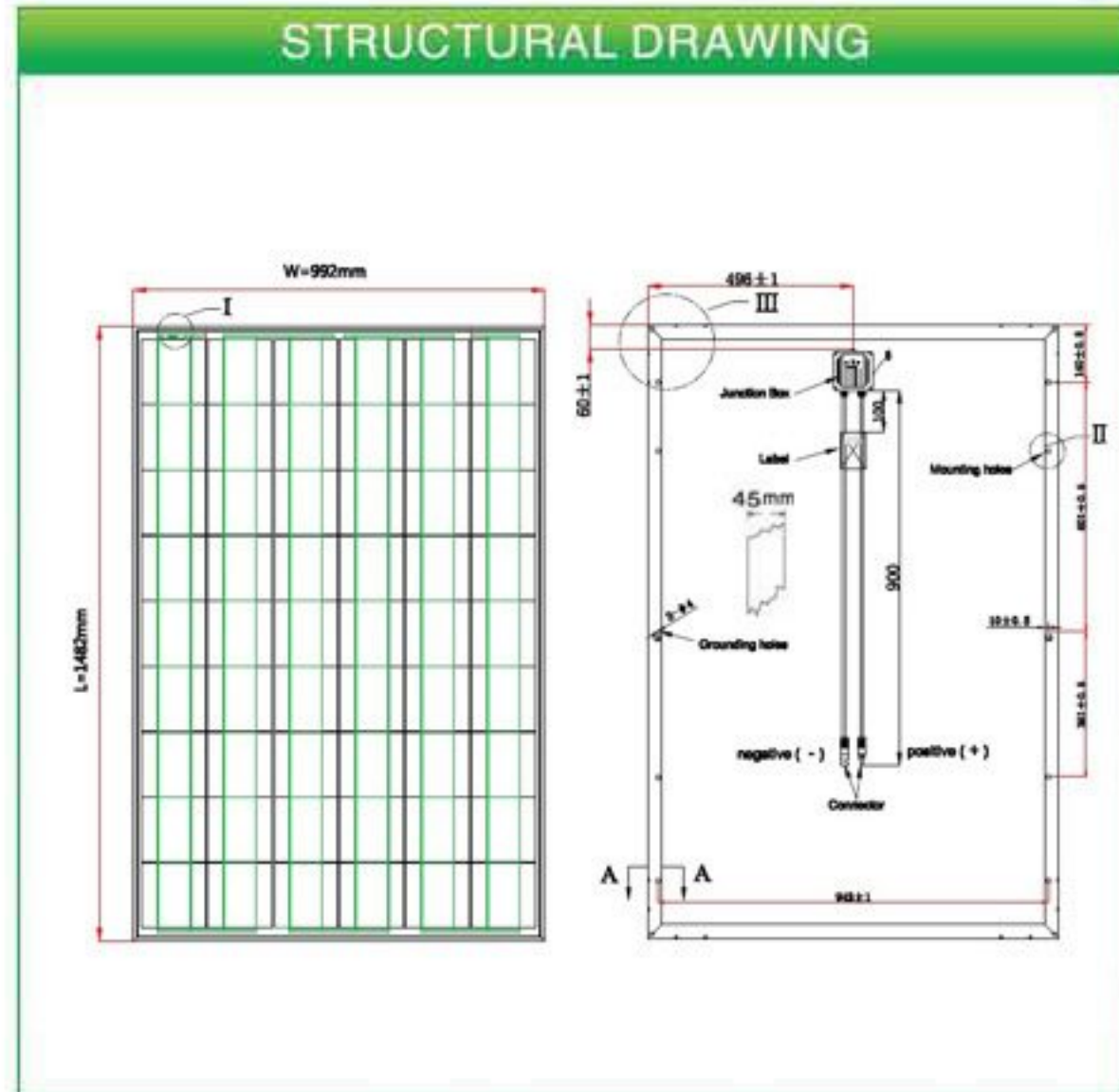
POLY

● POLY CRYSTALLINE SOLAR MODULE

Using only the best quality materials to provide high quality solar modules

- High efficiency solar cells with high transmission and low Iron textured glass delivering high efficiency modules;
- Bypass diode minimizes the power drop caused by shading;
- Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- Modules independently tested to ensure conformance with certification and regulatory standards;
- Manufacturing facility certified to ISO 9001 & ISO 14001 quality management System standards;

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SPECIFICATIONS

Cell	156*156(mm)
No. of cells and connections	54Pcs
Weight	18.0kgs
Dimension(L*W*H)	1482*992*45(mm)



CHARACTERISTICS

Model	CNM195P-54	CNM200P-54	CNM205P-54	CNM210P-54	CNM215P-54	CNM220P-54
Maximum Power (Pm)	195Wp	200Wp	205Wp	210Wp	215Wp	220Wp
Open circuit voltage (Voc)	33.00V	33.70V	33.70V	34.30V	34.30V	34.90V
Optimum operating voltage(Vm)	26.00V	26.50V	26.50V	27.00V	27.00V	27.50V
Short circuit current (Isc)	7.95A	8.08A	8.28A	8.32A	8.52A	8.64A
Optimum operating current (Im)	7.50A	7.55A	7.74A	7.78A	7.96A	8.00A
Maximum Voltage at STC (Vm)	1000VDC					
Operating temperature (°C)	-40°C ~ 85°C					

STC: AM1.5, 25

● Model (CNM200P-54) Specifications

General Data

Solar Cells	156*156
Type of Connector	TUV certified MC4 compatible plug & play
Cable Type diameter and length	φ = 4mm² L = 1000 mm TUV certified
Front Glass Thickness (mm)	3.2

Mechanical and Packing Configuration

Size of Module(mm)	1482*992*45
Maximum Power(W)	200
Number of Cells(pcs) per module	6*9
Optimum Power Voltage(Vmp)	26.50
Optimum Operating Current(Im)	7.55
Open Circuit Voltage(Voc)	33.70
Short Circuit Current(Isc)	8.08
Weight Per Piece(KG)	18.00
Packaging	Wooden box 20 pcs per box. 560 pcs per 40HQ container
Cell Efficiency (%)	15.20
Module Efficiency (%)	13.60

TEMPERATURE AND COEFFICIENTS

NOCT (°C)	47°C ± 2°C
Temperature Coefficients of Voc(%/°C)	-0.35
Temperature Coefficients of Isc(%/°C)	0.05
Temperature Coefficients of Pm(%/°C)	-0.45
Tolerance Wattage(e.g. +/-3%)	± 3%

NOCT: Nominal Operating Cell Temperature

Warranty

10 years manufacturing warranty
10 years warranty, 90% power output
25 years warranty, 80% power output

Others

Surface Maximum Load Capacity	5400Pa
Allowable Hail Load	23m/s 7.53g
Junction Box Type	TUV Certified
Bypass Diode Rating(A)	10
Temperature Range	-40°C to +85°C
Frame(Material Corners, etc.)	45#
Backing (Brand Type)	TPT
Standard Test Conditions	AM1.5
FF (%)	70-78%

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