Cando-Solar

Big Eco Series

210HJT Lead Free Solar Module

PRODUCT: ZNC-N1266GD

POWER RANGE: 680-700W

700W	22.5%	Lead Free	HJT
Max Power output	Max Panel Efficiency	Advanced 24BB Technology	210 Wafer



Advantages

More Power Output

- Advanced 210HJT cell and 24BB module technology leads to higher efficiency(22.5%);
- Better Weak Illumination Response and Lower temperature coefficient (-0.24%) for HJT;
- N-type solar cell has no LID naturally, can increase power generation

Better Looking

- Excellent cell color control by HJT technology;
- Designed with aesthetics in mind, 24BB thinner wires that appear all black at a distance

ECO Friendly

- Innovative 24BB module technology leads to LEAD-FREE;
- Double-glass design leads to fluoride-free;
- 210HJT technology leads to thinner wafer and lower energy consumption

Maximum safety

- Double-glass design leads to avoid fire;
- Perfect size and low weight, Easy for handling and Economy for transporting;
- Diverse installation solutions. Flexible for system deployment;

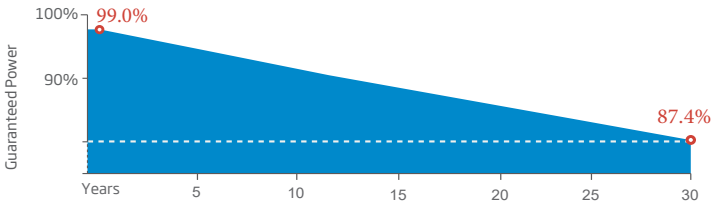
Certificates & Warranty

IEC61215:2016&IEC61730:2016

12year Product Workmanship Warranty

30year Power Warranty

1% first year degradation and 0.4% Annual Power Attenuation



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Electrical data(STC)

Max. Power Output Pmax (W)	680	685	690	695	700
Max. Power Voltage Vmp (V)	42.32	42.53	42.73	42.93	43.14
Max. Power Current Imp (A)	16.07	16.11	16.15	16.19	16.23
Open Circuit Voltage Voc (V)	49.39	49.59	49.79	49.99	50.19
Short Circuit Current Isc (A)	17.11	17.14	17.17	17.20	17.24
Module Efficiency(%)	21.9	22.1	22.2	22.4	22.5

*STC (Standard Test Condition): Irradiance 1000W/m² , Cell Temperature 25℃, Air Mass 1.5

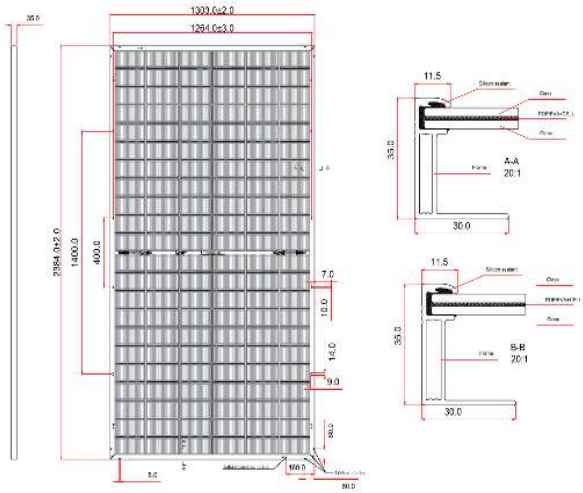
*Measurement Tolerance (±3.0%)

Electrical data(NOCT)

Max. Power Output Pmax (W)	520	524	528	532	536
Max. Power Voltage Vmp (V)	40.5	40.8	41.0	41.2	41.4
Max. Power Current Imp (A)	12.84	12.87	12.90	12.93	12.96
Open Circuit Voltage Voc (V)	47.4	47.6	47.8	48.0	48.2
Short Circuit Current Isc (A)	13.80	13.83	13.85	13.88	13.91

*NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

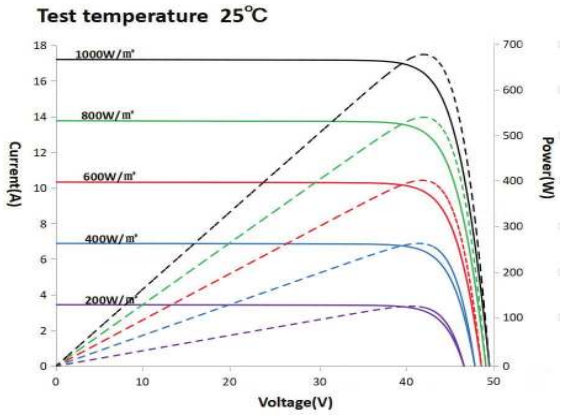
Dimensions of PV Module(mm)

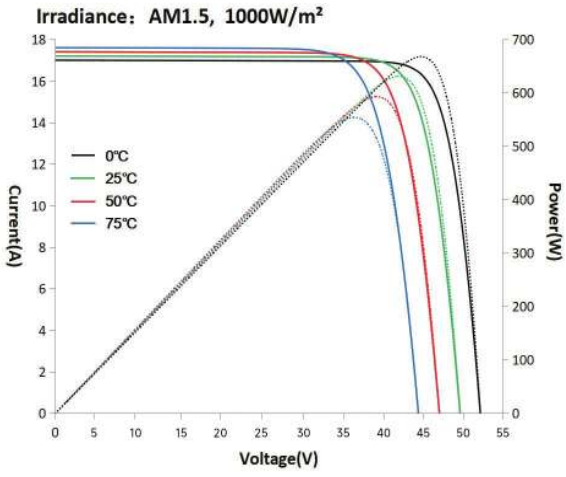


Temperature Ratings

Temperature Coefficients of Pmp	-0.24%/ °C
Temperature Coefficients of Voc	-0.22%/ °C
Temperature Coefficients of Isc	+0.047%/ °C
NOCT(Nominal Operating Cell Temperature)	43±2°C

Characteristic Curves(690W)





Mechanical Data

Solar Cells	HJT 210x105mm
No. of cells	132pcs(6x22)
Module Dimensions	2384x1303x35mm
Weight	39.0kg
Glass	2.0 mm , Double AR Coated Heat Strengthened Glass
Frame	35mm Anodized Aluminium Alloy
J-Box	IP 68 rated（3 diodes）
Cables	4.0mm²,Length can be customized

Operating Properties

Maximum System Voltage（V）	1500(DC)
Operating Temperature（℃）	-40~+85
Mechanical load(pa)	2400/5400
Maximum Series Fuse Rating（A）	35

Packaging Configuration

Modules Per Pallet	31pcs
Modules Per Container(40HC)	558cs

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