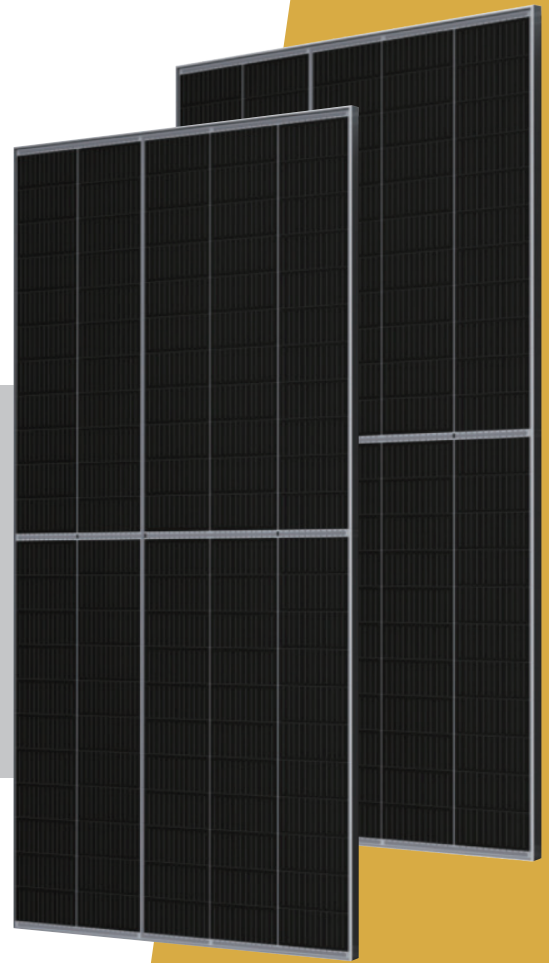


OBB
Busbar-free
Technology



Big Eco Series

210 HJT Lead Free Solar Module

PRODUCT:

N1255D

POWER RANGE:

575-600W

*Recommend for C&I and Utility scale power station

600W

Max Power Output

23.0%

Max Panel Efficiency

LEAD FREE

Advanced
Busbar-free Technology

HJT

210 Wafer



Excellent Energy Efficiency

- No PID&LID
- Market leading weak light effect and temperature coefficient (-0.24%/°C)
- 210mm large size and Busbar-free technology provide higher efficiency (23.0%)



High Customer Value

- Lower LCOE (Levelized Cost of Energy), reduced BOS (Balance of System) cost, expedited ROI period



High Double-sided Rate 90%

- Additional power generation revenue>5%



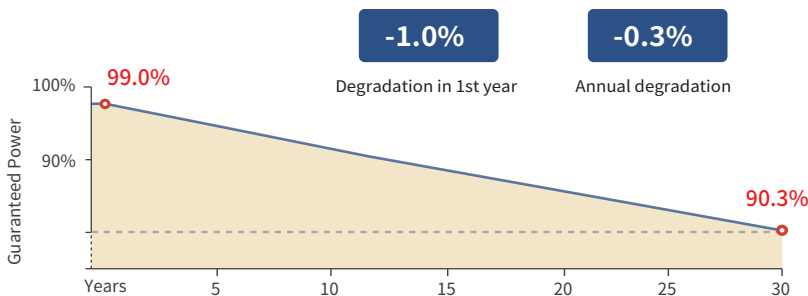
The Sustainable Choice

- Fluorine-free and lead-free products;
- Thinner silicon wafer (100 μ m);
- Lower energy consumption (<400kg eq CO2/kWc)



Highest Fire Rating

- Class A



15

15 years Product Warranty

30

30 years Power Warranty

Certificates & Warranty

IEC61215 2016&IEC61730 2016



Electrical data(STC)

Max. Power (W)	575	580	585	590	595	600
Max. Power Voltage Vmp (V)	35.46	35.55	35.73	35.90	36.08	36.26
Max. Power Current Imp (A)	16.22	16.32	16.38	16.44	16.50	16.55
Open Circuit Voltage Voc (V)	41.33	41.63	41.83	42.04	42.25	42.47
Short Circuit Current Isc (A)	17.22	17.35	17.42	17.48	17.55	17.62
Module Efficiency (%)	22.0	22.2	22.4	22.6	22.8	23.0

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5
 *Measurement Tolerance (±3.0%)

Electrical data(NOCT)

Max. Power (W)	440	444	448	452	455	459
Max. Power Voltage Vmp (V)	33.98	34.08	34.26	34.43	34.53	34.73
Max. Power Current Imp (A)	12.95	13.03	13.08	13.13	13.18	13.22
Open Circuit Voltage Voc (V)	39.69	39.98	40.17	40.38	40.58	40.79
Short Circuit Current Isc (A)	13.89	14.00	14.05	14.10	14.16	14.22

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

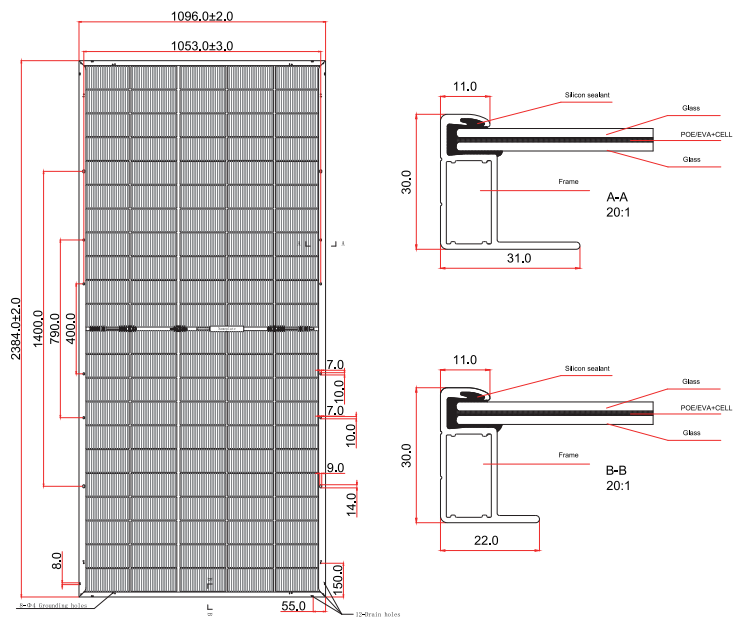
Temperature Ratings

Power Tolerance (W)	0~+5
Temperature Coefficients of γPmp (%/°C)	-0.24
Temperature Coefficients of βVoc (%/°C)	-0.22
Temperature Coefficients of αIsc (%/°C)	+0.047
Max. Over-Current (A)	35
Bifacial Factor (%)	≥85
NOCT(Nominal Operating Cell Temperature)	43±2°C

Mechanical Parameters

Cell Type (mm)	HJT 210x105
NO. of Cells and Connections	110(5x22)
Dimensions(L*W*H) (mm)	2384x1096x30
Double AR Coated Glass (mm)	2.0+2.0
Cable Length (mm)	300,Length can be customized
Weight (kg)	32.6
NO. of Diodes	3
Container 40'HQ (pcs)	36/720

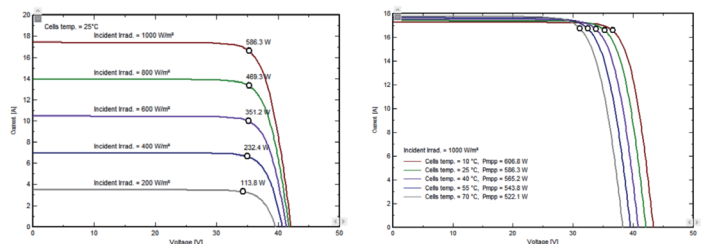
Dimensions of PV Module(mm)



Working Condition

Maximum System Voltage (V)	1500V DC
Operating Temp (°C)	-40~+85
Max. Wind Load (Pa)	2400
Max. Snow Load (Pa)	5400

Characteristic Curves(585W)



[Public Platform] [Official Web]

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Notice: All data and specifications are preliminary and subject to change without notice.

www.cando-solar.com

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