

HJT^{3.0}

Bifacial Dual-Glass HJT Module (120-cell)

675w

Max.
Deliverable Power

23.85%

Max.
Deliverable Efficiency



DT120A-XXX-FZ



HJT OBB Technology

Lower resistance, higher cell efficiency & module power.



Sealing with PIB

Stronger moisture resistance, greater airtightness to extent module lifespan.



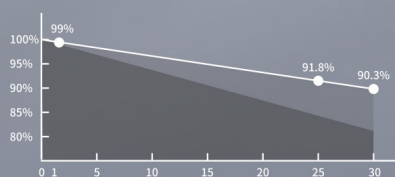
Better Temperature Coefficient

Temp. coefficient $-0.24\%/^{\circ}\text{C}$, higher yield under high temperatures.



Ideal for Utility-scale

Lower BOS, lower LCOE, higher project returns.



* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.3%, and the power is no less than 90.3% until the 30th year.

Comprehensive Product and System Certification

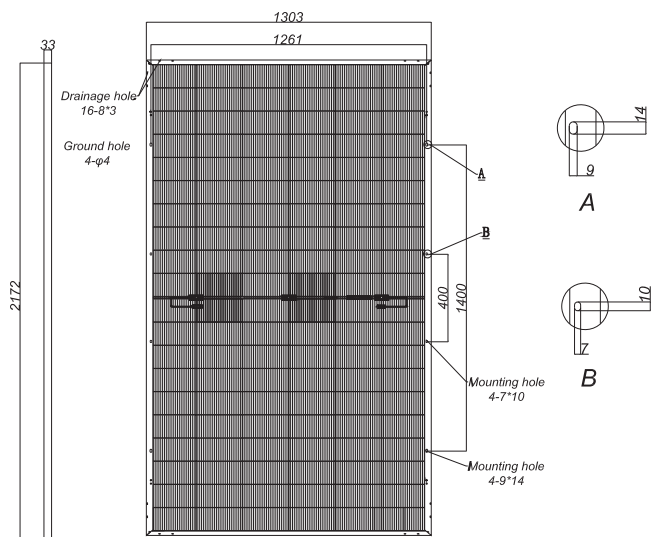
ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety System



Engineering Drawings



Mechanical Characteristics

Cell Type	HJT (210*105mm)
No. of Cells	120 pcs (6x20)
Superstrate	(F)2.0mm coated semi-tempered glass
Substrate	(B)2.0mm semi-tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm ² , 300mm(or customized); UV resistant
Connector	MC4 compatible
Dimensions	2172×1303×33mm
Weight	35.0kg
Max. Static Load	5400Pa(Snow load) / 2400Pa(Wind load)

STC

DT120A	645-FZ	650-FZ	655-FZ	660-FZ	665-FZ	670-FZ	675-FZ
Maximum Power Pmax(W)	645	650	655	660	665	670	675
Voltage at Pmax Vmp(V)	37.42	37.52	37.62	37.72	37.82	37.92	38.02
Current at Pmax Imp(A)	17.24	17.33	17.42	17.50	17.59	17.67	17.76
Open Circuit Voltage Voc(V)	44.14	44.21	44.28	44.36	44.44	44.52	44.6
Short Circuit Current Isc(A)	17.79	17.88	17.97	18.05	18.14	18.25	18.34
Module Efficiency (%)	22.79	22.97	23.14	23.32	23.50	23.67	23.85
Power Output Tolerance(W)	0~+5						
Maximum System Voltage(V)	1500						
Bifaciality	90%±5%						

STC: AM1.5, 1000W/m², 25°C.

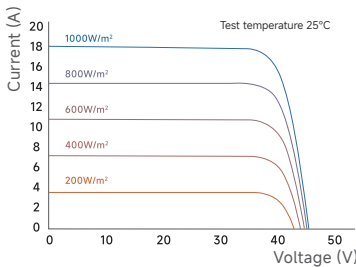
BNPI

	728	733	739	745	750	756	762
Maximum Power Pmax(W)	728	733	739	745	750	756	762
Voltage at Pmax Vmp(V)	38.09	38.19	38.29	38.39	38.49	38.59	38.69
Current at Pmax Imp(A)	19.11	19.19	19.31	19.41	19.49	19.59	19.70
Open Circuit Voltage Voc(V)	44.43	44.54	44.62	44.69	44.77	44.85	44.93
Short Circuit Current Isc(A)	19.89	19.98	20.07	20.18	20.29	20.35	20.44

BNPI: AM1.5, 1000W/m², 135W/m², 25°C.

Temperature Characteristics

Nominal Operating Cell Temperature	43±2°C
Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C
Maximu Series Fuse Rating	35A
Operating Temperature	-40~+85°C



Packaging

Method	Flat-bed trailer	Container
Size	13m	17.5m
Modules Per Pallet	33	33
Pallets	22	28
Modules	726	924

*Vehicle loading quantity subject to the condition of transportation.



Tel: +86 68610777 Postal Code: 325802
Add: No. 1181 Shugang Avenue, Longgang City, Wenzhou City,
Zhejiang Province, P.R. China, 325802.

All rights reserved © 2017-2025
Version: V2.0_2025.10
All data contained in this datasheet and any changes thereto will not be communicated separately.
The final right of interpretation shall vest in Dinto Solar.