

HJT

Bifacial Dual-Glass HJT Module (132-cell)

740w 23.82%

Max.
Deliverable Power

Max.
Deliverable Efficiency



HJT OBB Technology

Lower resistance, higher cell efficiency & module power.



High-Reliability Encapsulation

PIB and dual-layer glass ensure extended module durability and a long operational lifespan.



High Bifacial Gain

Up to 98% bifaciality increases energy yield in vertical mounting systems.



Optimized for Vertical Installations

Leverages dual-peak generation for higher project returns under market-driven electricity prices.

15 years
Product Warranty

30 years
Linear Power Warranty



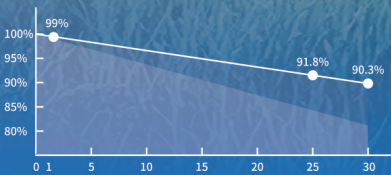
Highways



Agri-PV



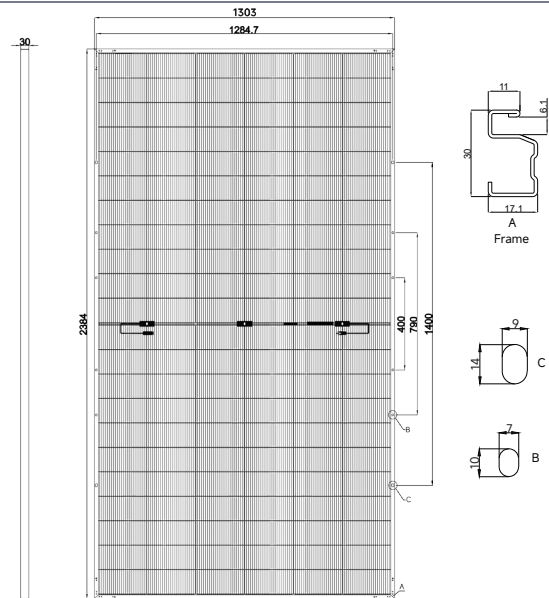
Building Fences



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	132 pcs (6x22)
Superstrate	(F)2.0mm coated semi-tempered glass
Substrate	(B)2.0mm semi-tempered glass
Frame	Alloy steel frame
Junction Box	IP68
Cable	4mm ² , 300mm(or customized); UV resistant
Connector	MC4 compatible
Dimensions	2384x1303x30mm
Weight	39.4kg
Max. Static Load	±3000Pa (Vertical installation manual)

STC

DT132A	710-FZV	715-FZV	720-FZV	725-FZV	730-FZV	735-FZV	740-FZV
Maximum Power Pmax(W)	710	715	720	725	730	735	740
Voltage at Pmax Vmp(V)	41.70	41.85	42.00	42.15	42.30	42.44	42.59
Current at Pmax Imp(A)	17.04	17.10	17.16	17.22	17.28	17.33	17.39
Open Circuit Voltage Voc(V)	49.69	49.86	50.03	50.20	50.37	50.53	50.70
Short Circuit Current Isc(A)	18.11	18.17	18.23	18.29	18.35	18.40	18.46
Module Efficiency (%)	22.86	23.02	23.18	23.34	23.50	23.66	23.82
Power Output Tolerance(W)	0~+5W						
Maximum System Voltage(V)	1500V DC						
Bifaciality	94%±4%						

STC: AM1.5, 1000W/m², 25°C.

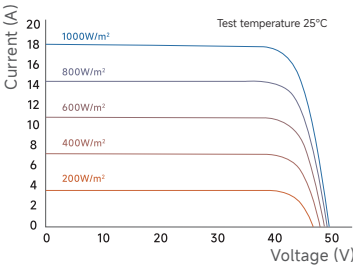
BNPI

	796	802	807	813	819	824	830
Maximum Power Pmax(W)	796	802	807	813	819	824	830
Voltage at Pmax Vmp(V)	41.78	41.93	42.08	42.23	42.38	42.52	42.68
Current at Pmax Imp(A)	19.06	19.12	19.19	19.25	19.32	19.38	19.45
Open Circuit Voltage Voc(V)	49.79	49.96	50.13	50.30	50.47	50.65	50.82
Short Circuit Current Isc(A)	20.31	20.38	20.44	20.51	20.58	20.64	20.70

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	Container
Size	40'
Modules Per Pallet	35
Pallets	16
Modules	560

*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.

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