

G12 SERIES HJT BIFACIAL DOUBLE-GLASS MODULE

HJT 210MM CELL
640 - 675W

Positive tolerance: 0~+3%



Up to 85%
Bifaciality



Stronger Water
Resistance



Lower
LCOE



PID
Resistance



N-type cell
no LID



Lower Temperature
Coefficient



Higher
Energy Yield



Load
Guarantee



Licence holder: Guangdong Hongjun Juneng New Energy Co., Ltd.

IEC 61215, IEC 61730

ISO 9001: Quality Management System

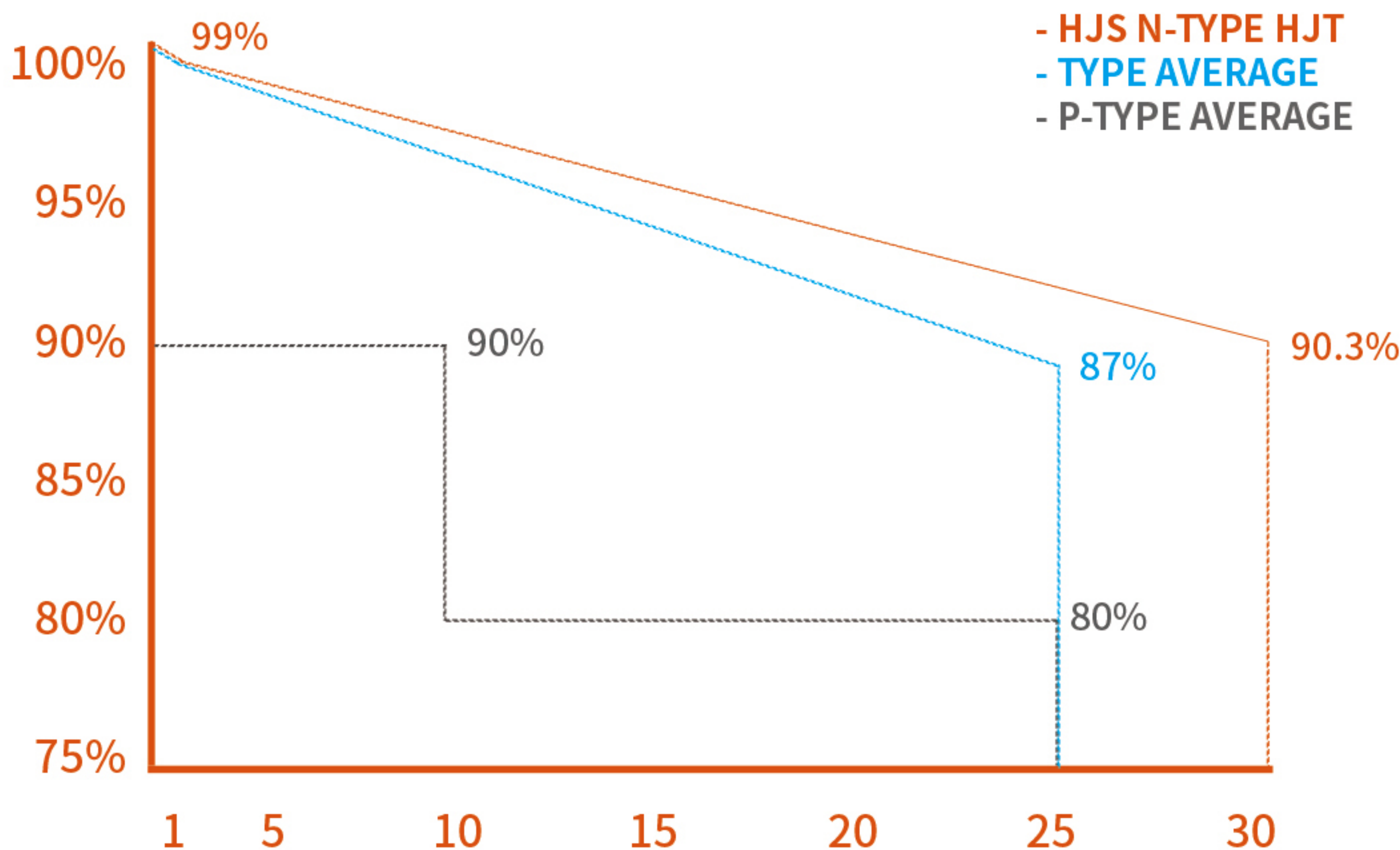
ISO 14001: Environment Management System

ISO 45001: Occupational Health and Safety Management System

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LINEAR PERFORMANCE WARRANTY

12-year warranty/30-year limited product warranty/
1% first year degradation/0.3% annual degradation



THE FINAL INTERPRETATION RIGHT OF THIS TECHNICAL SPECIFICATION BELONGS TO HJS.
THE PARAMETERS IN THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

Electrical Characteristics (STC*)

Module Type	HJH-AB120DS0-640	HJH-AB120DS0-645	HJH-AB120DS0-650	HJH-AB120DS0-655	HJH-AB120DS0-660	HJH-AB120DS0-665	HJH-AB120DS0-670	HJH-AB120DS0-675
Maximum Power(W)	640	645	650	655	660	665	670	675
Open-circuit Voltage(V)	45.61	45.71	45.80	46.00	46.11	46.22	46.27	46.31
Short-circuit Current(A)	17.53	17.61	17.69	17.77	17.85	17.93	18.05	18.16
Maximum Power Voltage(V)	38.29	38.38	38.49	38.60	38.71	38.82	38.86	38.91
Maximum Power Current(A)	16.74	16.82	16.90	16.98	17.06	17.14	17.25	17.36
Module Efficiency(%)	22.61	22.79	22.97	23.14	23.32	23.50	23.67	23.85

*STC:Irradiance 1000W/m², cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%

Electrical Characteristics (BNPI**)

Maximum Power(W)	713	719	725	730	736	741	747	752
Open-circuit Voltage(V)	45.61	45.71	45.80	46.00	46.11	46.22	46.27	46.31
Short-circuit Current(A)	19.54	19.63	19.72	19.81	19.90	19.99	20.12	20.24
Maximum Power Voltage(V)	38.29	38.38	38.49	38.60	38.71	38.82	38.86	38.91
Maximum Power Current(A)	18.66	18.75	18.84	18.93	19.02	19.11	19.23	19.35

**BNPI: front irradiation 1000W/m², back reflected irradiation 135W/m²

Operating Parameters

Maximum System Voltage(V)	DC 1500(IEC)
Maximum Series Fuse (A)	35
Front Side Maximum Static Load (Pa)	5400
Rear Side Maximum Static Load (Pa)	2400
Operating Temperature (°C)	-40~+85
Withstanding Hail	Maximum diameter 25mm impact speed 23m/s
Fire Rate	Class C

Temperature Characteristics

NOCT	44°C±2°C
Temperature Coefficient (Pmpp)	-0.26%/°C
Temperature Coefficient (Voc)	-0.24%/°C
Temperature Coefficient (Isc)	0.04%/°C

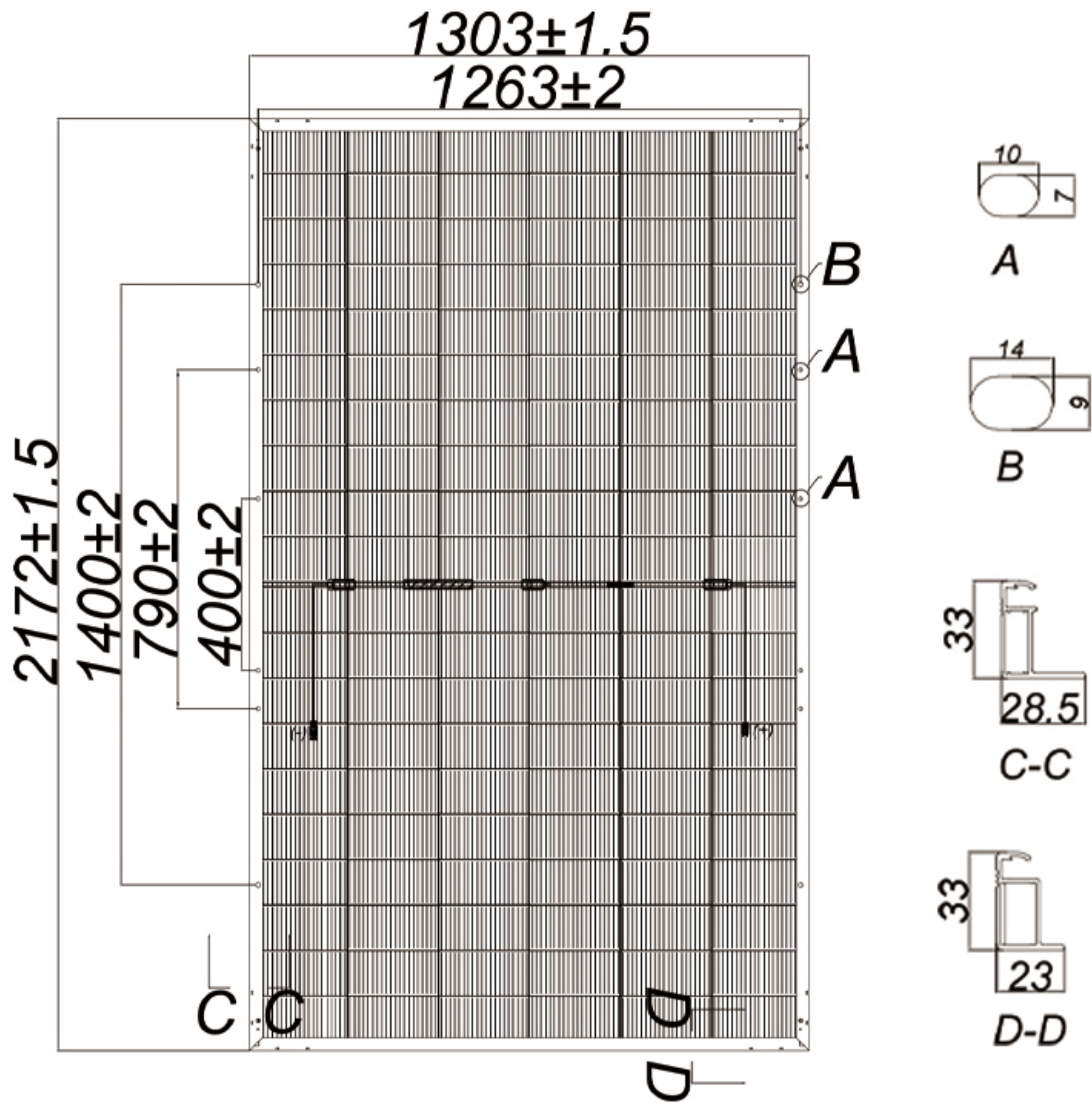
Mechanical Characteristics

Cell Type	Mono HJT 210*105mm (N Type)
Cell Connection	120 (6*10*2)
Module Dimension	2172*1303*35mm
Module Weight	35.0kg
Junction Box	IP68
Cable	4.0mm²,(+)300mm, (-)300mm(connector not included)
Connector Type	MC4 compatible
Glass	2.0mm+2.0mm Tempered glass
Frame	Anodised aluminum alloy

Packing Configuration

33pcs/pallet, 594pcs/ 40'HQ Container

Module Dimensions



I-V Curve

