



SOLEFIORI HJT MODULE PRODUCT CATALOG



CHASE THE LIGHT
AND MAKE HUMAN FUTURE BRIGHT





Contents

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G12 SERIES HJT BIFACIAL DOUBLE-GLASS MODULE

HJT 210MM CELL
565 - 620W

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



IEC 61215, IEC 61730

ISO 9001: Quality Management System

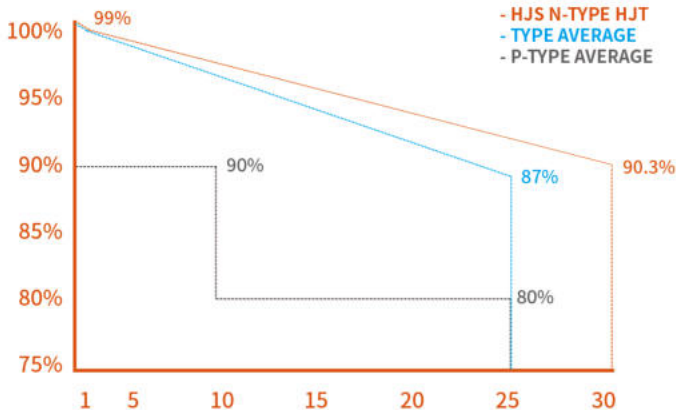
ISO 14001: Environment Management System

ISO 45001: Occupational Health and Safety Management System

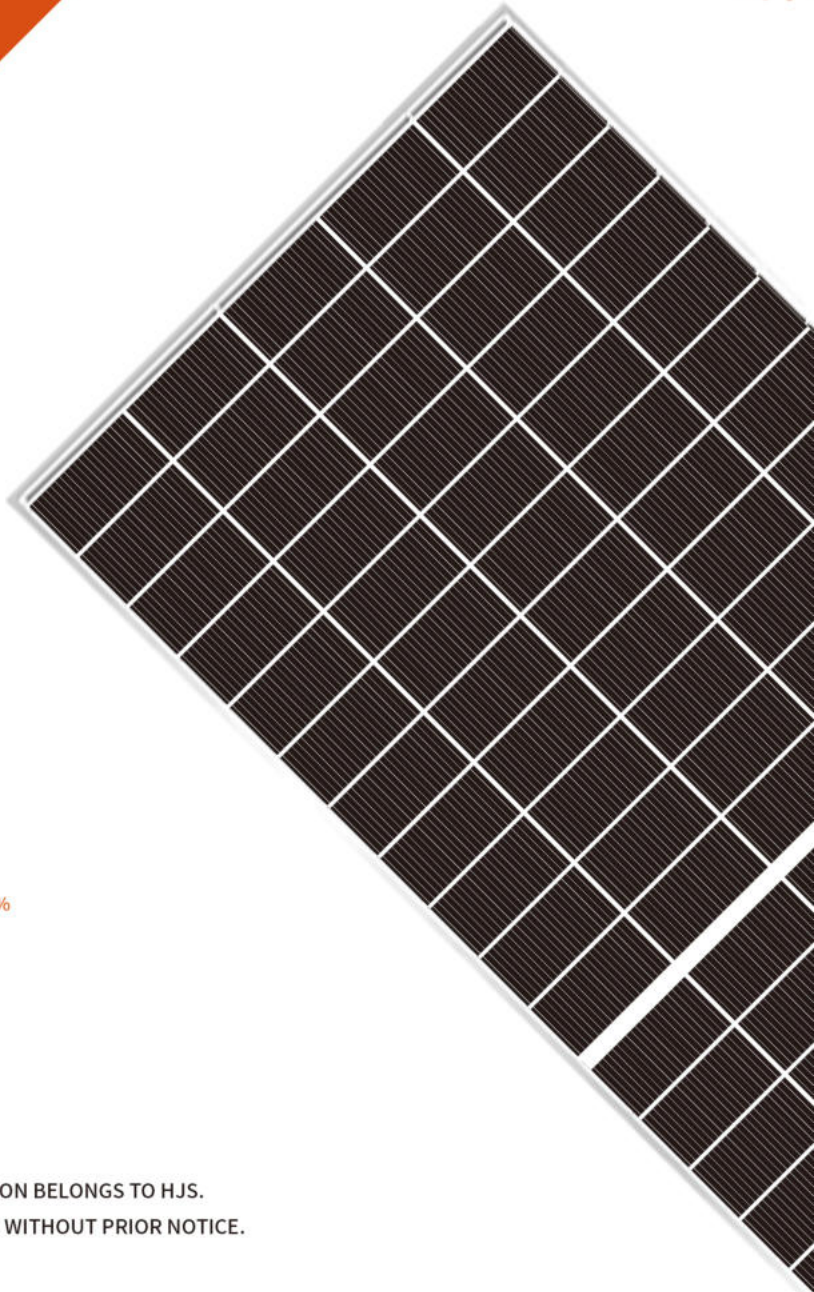
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LINEAR PERFORMANCE WARRANTY

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-AB110DS0-565	HJH-AB110DS0-570	HJH-AB110DS0-575	HJH-AB110DS0-580	HJH-AB110DS0-585	HJH-AB110DS0-600	HJH-AB110DS0-605	HJH-AB110DS0-610	HJH-AB110DS0-615	HJH-AB110DS0-620
Maximum Power(W)	565	570	575	580	585	600	605	610	615	620
Open-circuit Voltage(V)	41.46	41.56	41.67	41.78	41.89	42.21	42.36	42.54	42.66	42.73
Short-circuit Current(A)	17.13	17.21	17.29	17.37	17.45	17.69	17.77	17.86	17.96	18.07
Maximum Power Voltage(V)	34.58	34.74	34.90	35.02	35.14	35.49	35.62	35.74	35.84	35.92
Maximum Power Current(A)	16.37	16.44	16.51	16.59	16.68	16.92	16.99	17.07	17.17	17.28
Module Efficiency(%)	21.62	21.82	22.01	22.20	22.39	22.96	23.15	23.35	21.73	21.91

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

Electrical Characteristics (BNPI**)

Maximum Power(W)	630	635	641	647	652	669	674	680	686	691
Open-circuit Voltage(V)	41.46	41.56	41.67	41.78	41.89	42.21	42.36	42.54	42.66	42.73
Short-circuit Current(A)	19.10	19.18	19.27	19.36	19.45	19.72	19.81	19.91	20.02	20.14
Maximum Power Voltage(V)	34.58	34.74	34.90	35.02	35.14	35.49	35.62	35.74	35.84	35.92
Maximum Power Current(A)	18.25	18.33	18.40	18.49	18.59	18.86	18.94	19.03	19.14	19.26

**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

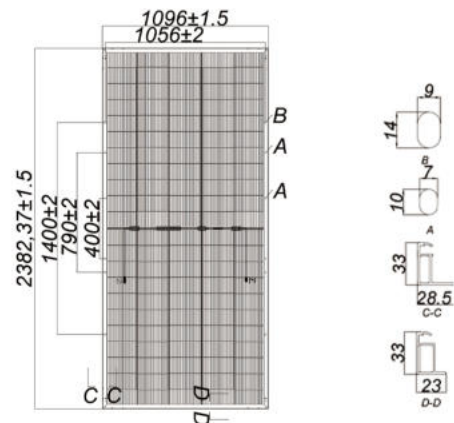
Mechanical Characteristics

Cell Type	Mono HJT 210*105mm (N Type)
Cell Connection	110 (5*11*2)
Module Dimension	2384*1096*35mm
Module Weight	32.5kg
Junction Box	IP68
Cable	4.0mm ² , (+)300mm, (-)300mm(connector not included)
Connector Type	MC4 compatible
Glass	2.0mm+2.0mm Tempered glass
Frame	Anodised aluminum alloy

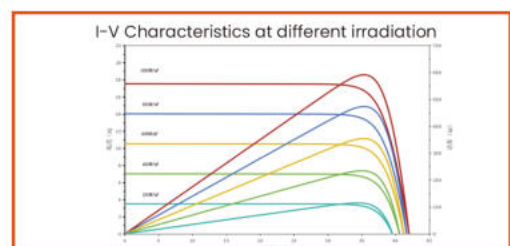
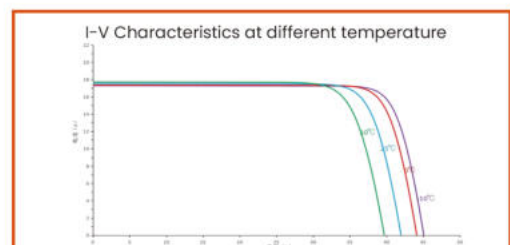
Packing Configuration

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

Module Dimensions



I-V Curve



G12 SERIES HJT BIFACIAL DOUBLE-GLASS MODULE

HJT 210MM CELL
620 - 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

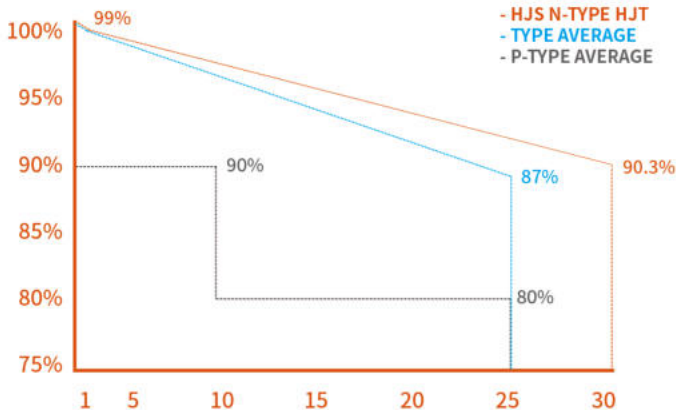


IEC 61215, IEC 61730
ISO 9001: Quality Management System
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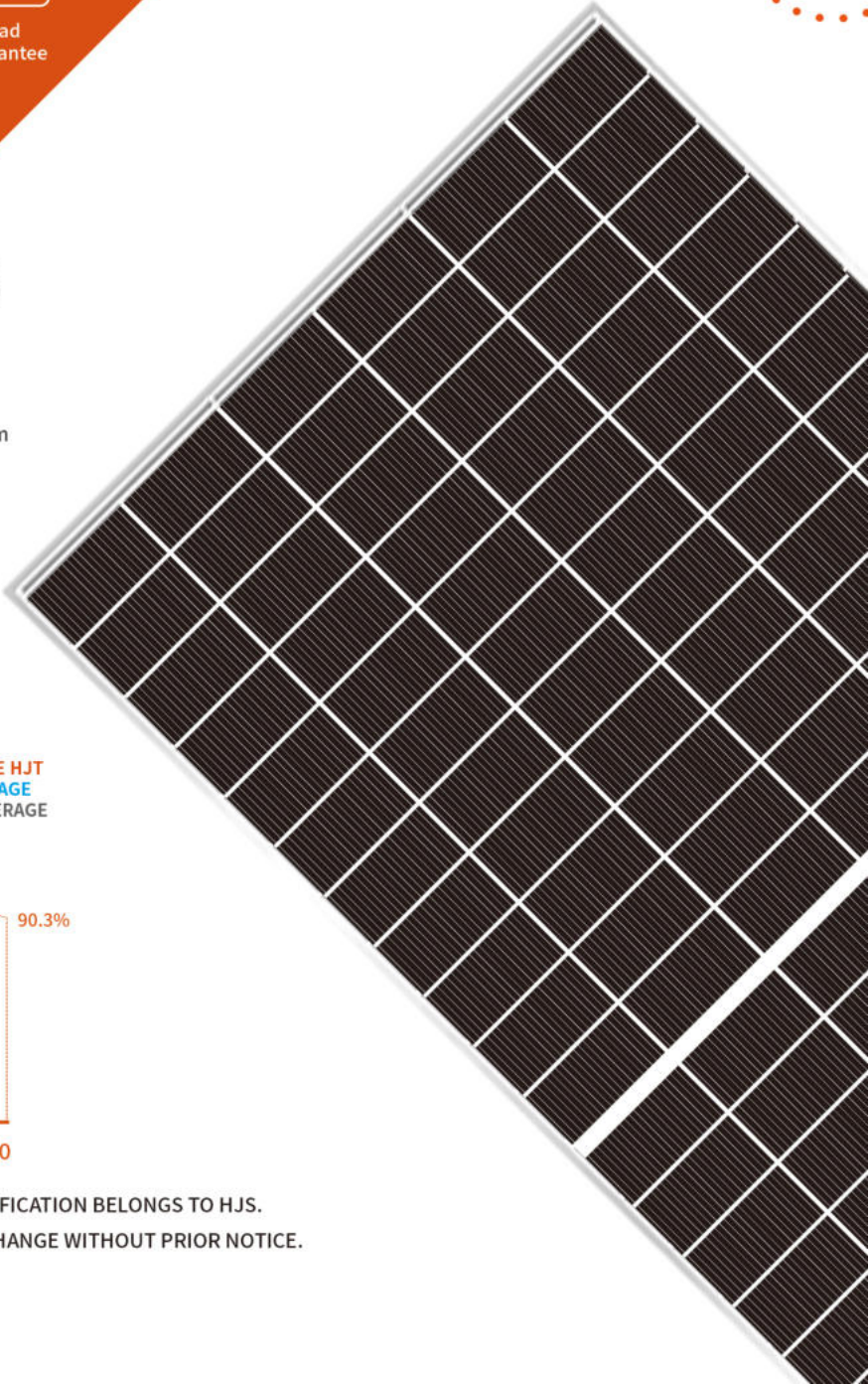


LINEAR PERFORMANCE WARRANTY

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Electrical Characteristics (STC*)

Module Type	HJH-AB120DS0-620	HJH-AB120DS0-625	HJH-AB120DS0-630	HJH-AB120DS0-635	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)	620	625	630	635	640	645	650	655	660	665	670	675
Open-circuit Voltage(V)	45.30	45.41	45.50	45.61	45.71	45.80	45.91	46.00	46.11	46.22	46.27	46.31
Short-circuit Current(A)	17.21	17.29	17.37	17.45	17.53	17.61	17.69	17.77	17.85	17.93	18.05	18.16
Maximum Power Voltage(V)	37.78	37.91	38.04	38.18	38.29	38.38	38.49	38.60	38.71	38.82	38.86	38.91
Maximum Power Current(A)	16.44	16.51	16.59	16.66	16.74	16.82	16.90	16.98	17.06	17.14	17.25	17.36
Module Efficiency(%)	21.91	22.08	22.26	22.44	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)	691	697	702	708	713	719	725	730	736	741	747	752
Open-circuit Voltage(V)	45.30	45.41	45.50	45.61	45.71	45.80	45.91	46.00	46.11	46.22	46.27	46.31
Short-circuit Current(A)	19.18	19.27	19.36	19.45	19.54	19.63	19.72	19.81	19.90	19.99	20.12	20.24
Maximum Power Voltage(V)	37.78	37.91	38.04	38.18	38.29	38.38	38.49	38.60	38.71	38.82	38.86	38.91
Maximum Power Current(A)	18.33	18.40	18.49	18.57	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

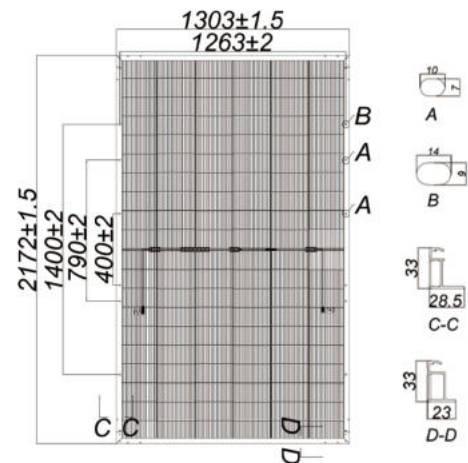
Mechanical Characteristics

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	4.0mm ² , (+)300mm, (-)300mm(connector not included)
Connector Type	MC4 compatible
Glass	2.0mm+2.0mm Tempered glass
Frame	Anodised aluminum alloy

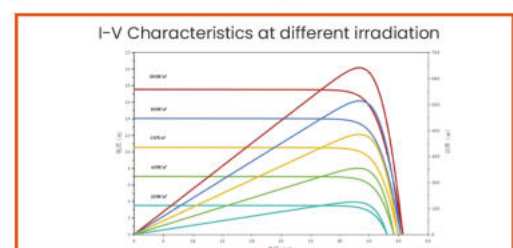
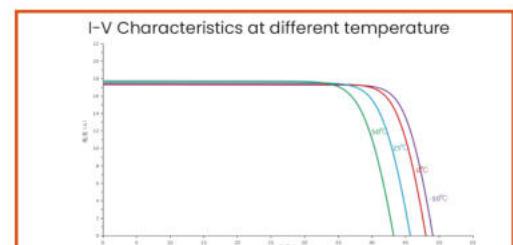
Packing Configuration

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

Module Dimensions



I-V Curve



G12 SERIES HJT BIFACIAL DOUBLE-GLASS MODULE

HJT 210MM CELL 0BB TECHNOLOGY
705 - 740W

Positive tolerance: 0~+3%



Up to 95%
Bifaciality



Stronger Water
Resistance



Lower
LCOE



PID
Resistance



N-type cell
no LID



Lower Temperature
Coefficient



Higher
Energy Yield



Load
Guarantee

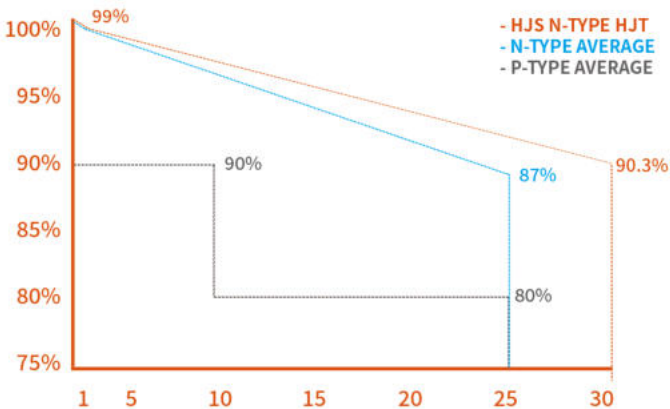


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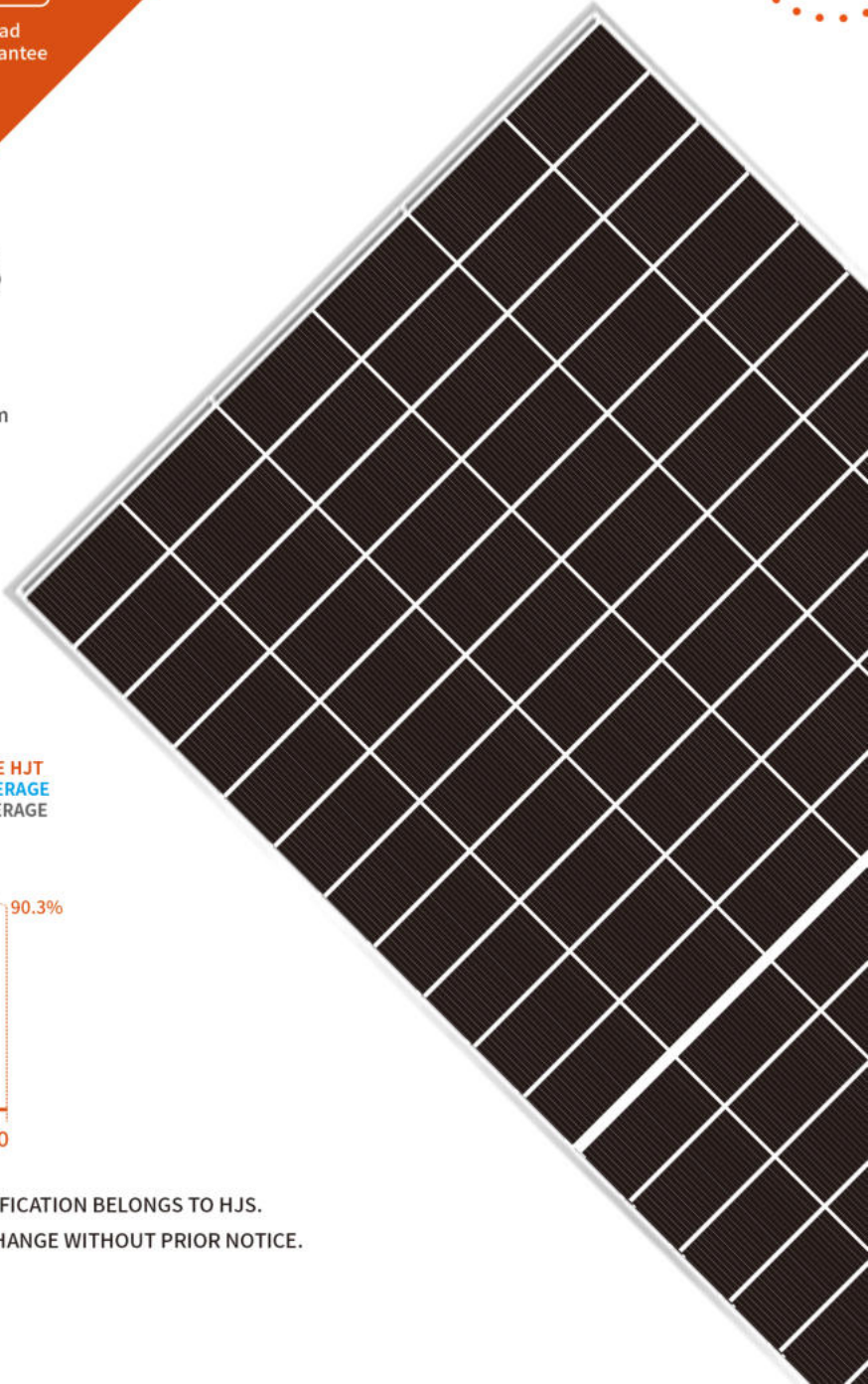


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Electrical Characteristics (STC*)

Module Type	HJH-AB132DS0-705	HJH-AB132DS0-710	HJH-AB132DS0-715	HJH-AB132DS0-720	HJH-AB132DS0-725	HJH-AB132DS0-730	HJH-AB132DS0-735	HJH-AB132DS0-740
Maximum Power(W)	705	710	715	720	725	730	735	740
Open-circuit Voltage(V)	49.89	50.02	50.14	50.26	50.40	50.54	50.60	50.66
Short-circuit Current(A)	17.61	17.69	17.77	17.85	17.93	18.01	18.14	18.24
Maximum Power Voltage(V)	41.94	42.04	42.14	42.24	42.34	42.47	42.48	42.52
Maximum Power Current(A)	16.83	16.91	16.98	17.06	17.14	17.21	17.33	17.42
Module Efficiency(%)	22.70	22.86	23.02	23.18	23.34	23.50	23.66	23.82

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

Electrical Characteristics (BNPI**)

Maximum Power(W)	786	791	797	803	808	814	819	825
Open-circuit Voltage(V)	49.89	50.02	50.14	50.26	50.40	50.54	50.60	50.66
Short-circuit Current(A)	19.63	19.72	19.81	19.90	19.99	20.08	20.22	20.33
Maximum Power Voltage(V)	41.94	42.04	42.14	42.24	42.34	42.47	42.48	42.52
Maximum Power Current(A)	18.76	18.85	18.93	19.02	19.11	19.18	19.32	19.42

**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
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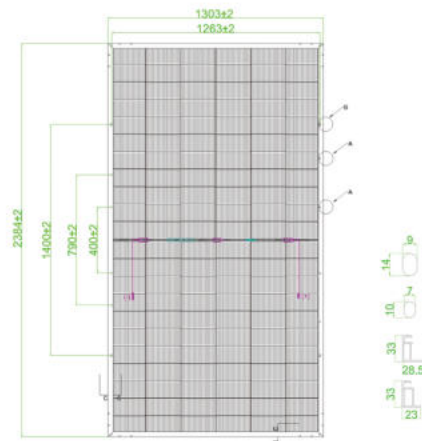
Mechanical Characteristics

Cell Type	Mono HJT 210*105mm (N Type)
Cell Connection	132 (6*11*2)
Module Dimension	2384*1303*33mm
Module Weight	38kg
Junction Box	IP68
Cable	4.0mm ² , (+)300mm, (-)300mm(connector not included)
Connector Type	MC4 compatible
Glass	2.0mm+2.0mm Tempered glass
Frame	Anodised aluminum alloy

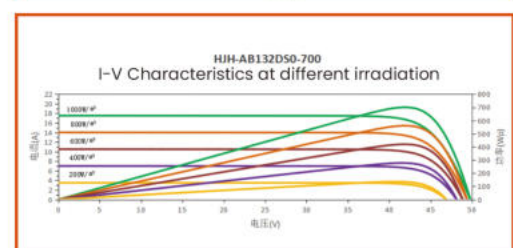
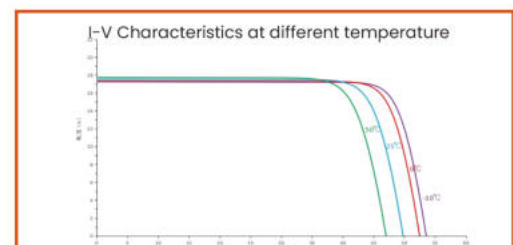
Packing Configuration

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

Module Dimensions



I-V Curve



G12 SERIES HJT BIFACIAL DOUBLE-GLASS MODULE

HJT 210MM CELL
705 - 740W

Positive tolerance: 0~+3%



Up to 95% Bifaciality



Stronger Water Resistance



Lower LCOE



PID Resistance



N-type cell no LID



Lower Temperature Coefficient



Higher Energy Yield



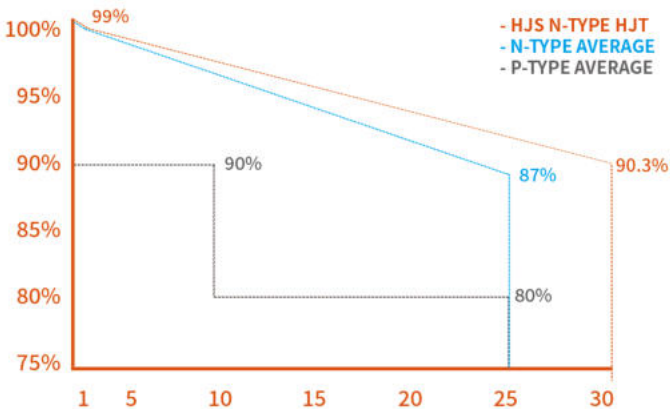
Load Guarantee



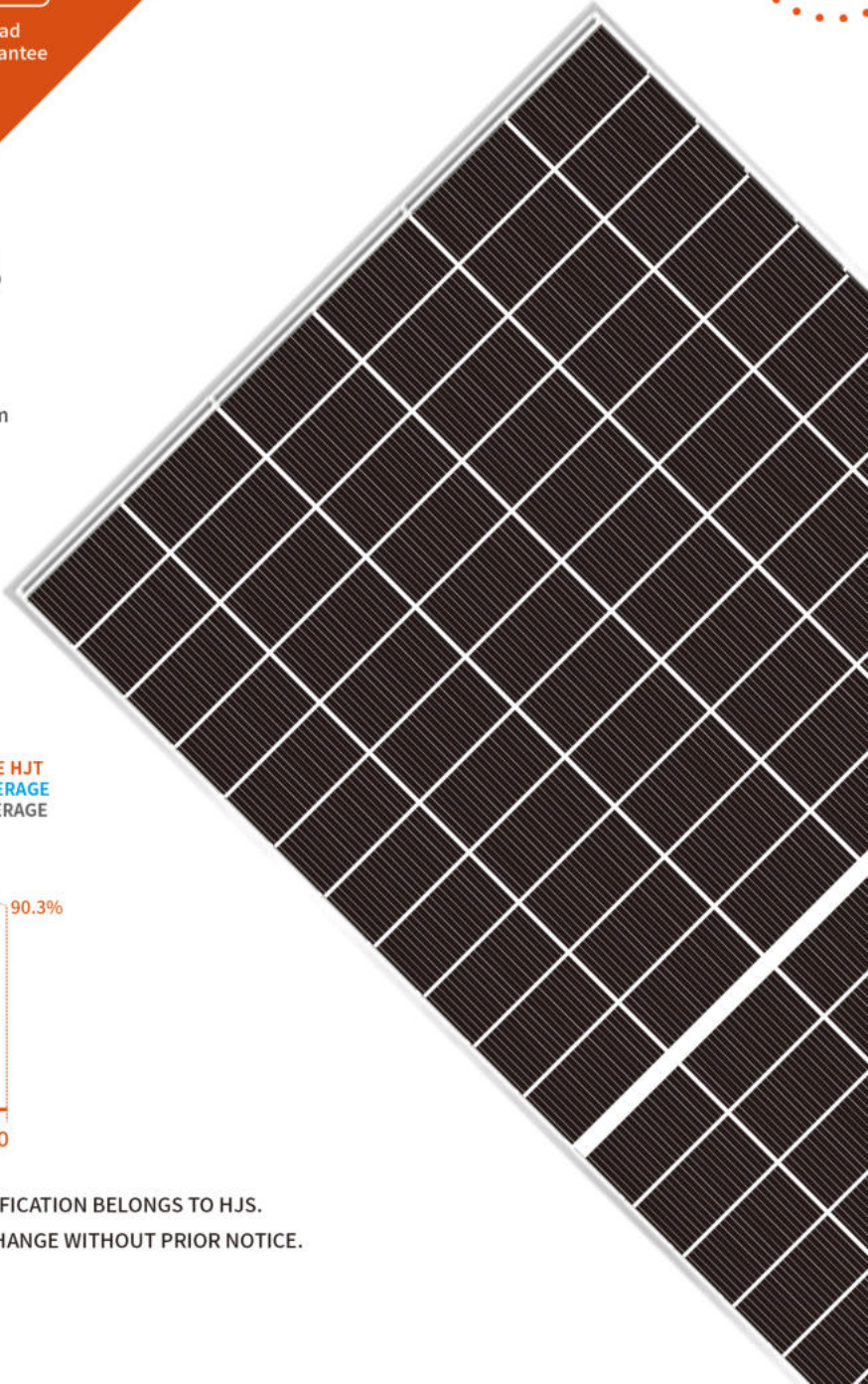
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Module Type	HJH-AB132DS0-705	HJH-AB132DS0-710	HJH-AB132DS0-715	HJH-AB132DS0-720	HJH-AB132DS0-725	HJH-AB132DS0-730	HJH-AB132DS0-735	HJH-AB132DS0-740
Maximum Power(W)	705	710	715	720	725	730	735	740
Open-circuit Voltage(V)	49.89	50.02	50.14	50.26	50.40	50.54	50.60	50.66
Short-circuit Current(A)	17.61	17.69	17.77	17.85	17.93	18.01	18.14	18.24
Maximum Power Voltage(V)	41.94	42.04	42.14	42.24	42.34	42.47	42.48	42.52
Maximum Power Current(A)	16.83	16.91	16.98	17.06	17.14	17.21	17.33	17.42
Module Efficiency(%)	22.70	22.86	23.02	23.18	23.34	23.50	23.66	23.82

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

Electrical Characteristics (BNPI**)

Maximum Power(W)	786	791	797	803	808	814	819	825
Open-circuit Voltage(V)	49.89	50.02	50.14	50.26	50.40	50.54	50.60	50.66
Short-circuit Current(A)	19.63	19.72	19.81	19.90	19.99	20.08	20.22	20.33
Maximum Power Voltage(V)	41.94	42.04	42.14	42.24	42.34	42.47	42.48	42.52
Maximum Power Current(A)	18.76	18.85	18.93	19.02	19.11	19.18	19.32	19.42

**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
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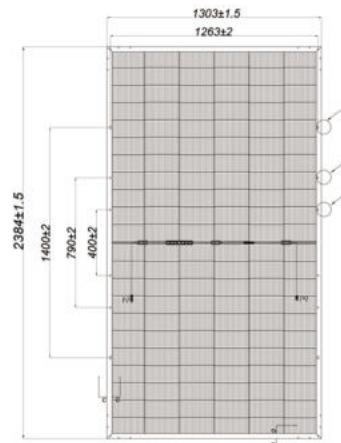
Mechanical Characteristics

Cell Type	Mono HJT 210*105mm (N Type)
Cell Connection	132 (6*11*2)
Module Dimension	2384*1303*33mm
Module Weight	38kg
Junction Box	IP68
Cable	4.0mm ² , (+)300mm, (-)300mm(connector not included)
Connector Type	MC4 compatible
Glass	2.0mm+2.0mm Tempered glass
Frame	Anodised aluminum alloy

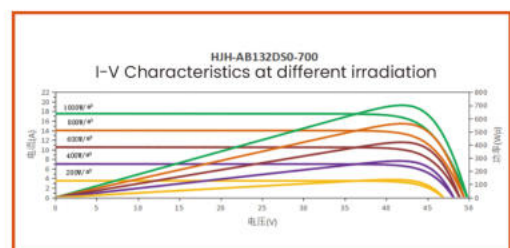
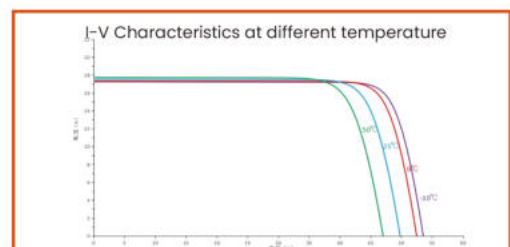
Packing Configuration

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

Module Dimensions



I-V Curve



SOLEFIORI

HJT Expert

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<https://www.hongjunhjt.com>

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