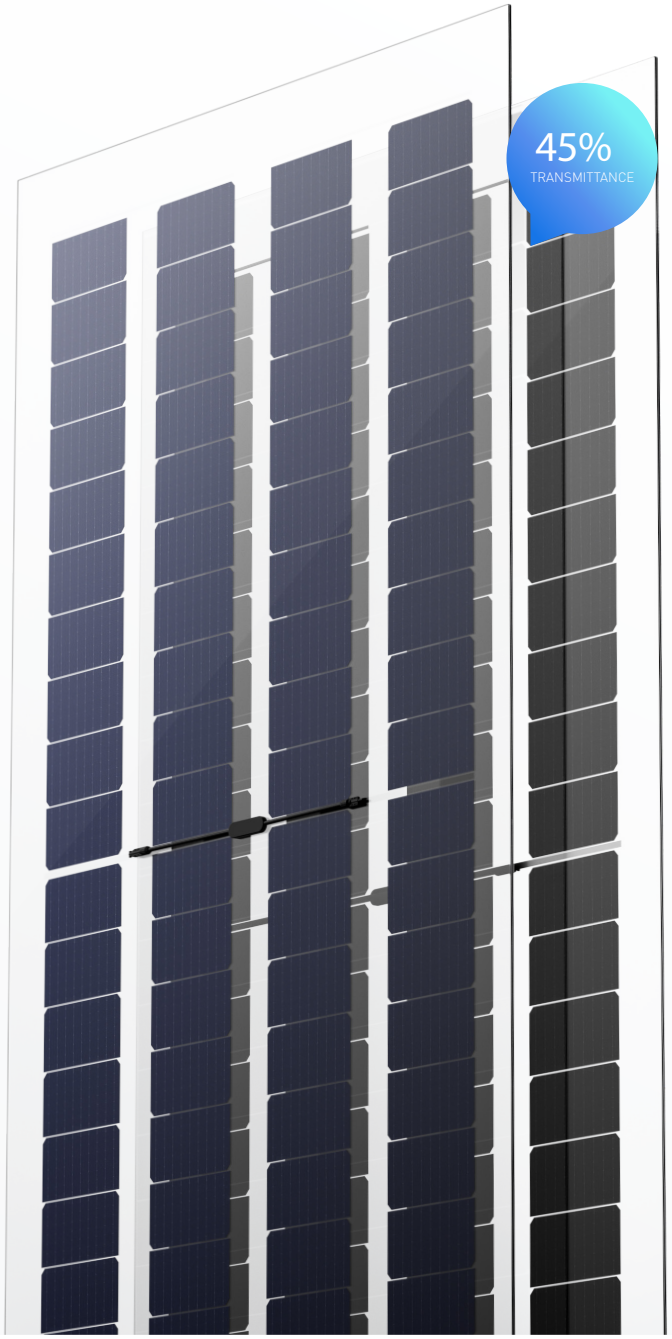
SE5-40HBD

Jinri T

320-340W

High Transmittance Double Glass Bifacial Frameless Solar PV Module



Working Condition Compatibility & Safety
High Resistance to High Temp., High Humidity, Sand, Acid and Alkali Environment;

Optimized Power Gain
Use N-type cells, no light-induced degradation (LID), increase power generation;

Unique Design with High Transmittance
Unique layout design can meet the requirements of excellent light transmittance and waterproof;

Excellent Low-light Performance
Excellent low-light response, higher power generation under low-light conditions;

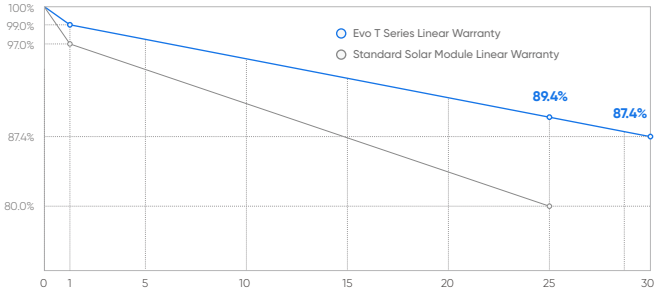
Higher Bifaciality
Higher bifaciality, the additional power generation of modules is up to 30% higher than that of conventional modules.

Quality Management System and Product Certification

IEC 61215, IEC 61730, UL 61730
ISO9001:2015: ISO Quality Management System
ISO14001: 2015: ISO Environment Management System
ISO45001: 2018: Occupational Health and Safety
IEC62941: Guideline for module design qualification and type approval

Quality Guarantee

NO MORE THAN 0.45%
ANNUAL DEGRADATION OVER **30 YEARS**



jinri

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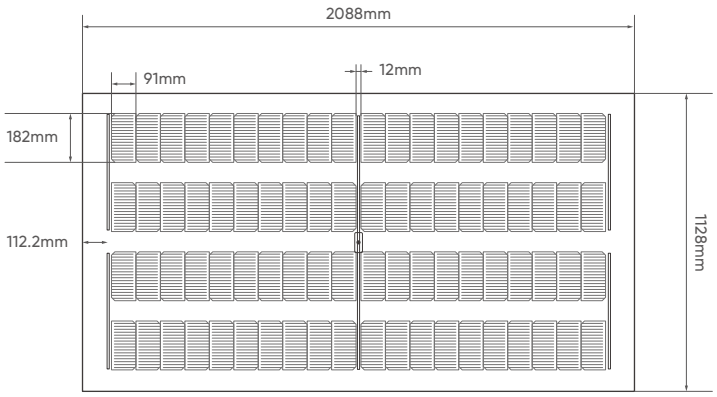
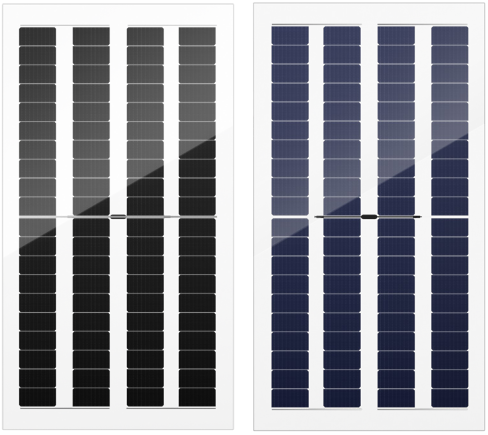
Drawings



Product Image



Mechanical Specifications

Cell Type	N Type Mono Cells
Cells Layout	4*20
Dimension	2088*1128*5mm
Weight	27kg
Front Glass	2mm Semi Tempered Coated Glass
Inter Layer	EVA/POE/PVB
Back Glass	2mm Semi Tempered Glass
Junction Box	IP68 Rated
Connector	MC4 (or Equivalent)
Frame	Optional
Maximum Load Capacity	2400(Wind Load)/5400(Snow Load)
Bifaciality	80±5%

Working Conditions

Maximum System Voltage	1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Nominal Operating Cell Temperature	42±3°C
Maximum rated current	25A

Temperature Coefficients

Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.04%/°C

Package Configuration

34 Pcs / Pallet	612 Pcs / 40'HQ

Electrical Parameters (STC*)

Module Type: **SE5-40HBD**	320	325	330	335	340
Maximum Power (Pmax/W)	320	325	330	335	340
Open Circuit Voltage (Voc/V)	28.12	28.34	28.46	28.58	28.70
Short Circuit Current (Isc/A)	13.77	13.90	14.03	14.16	14.29
Voltage at Maximum Power (Vmp/V)	24.60	24.80	25.00	25.20	25.40
Current at Maximum Power (Imp/A)	13.01	13.11	13.20	13.29	13.38
Power Tolerance (W)			0~+5		

*STC: Air Mass AM1.5, Irradiance 1000W/m, Cell temperature 25°C.

Comprehensive Electric Parameters (Taking **340W** as an example)

Back Gain	Pmax(W)	Voc(V)	Isc(A)	Vmp(V)	Imp(A)
5%	357	30.14	15.00	26.67	14.05
10%	374	31.57	15.72	27.94	14.72
15%	391	33.01	16.43	29.21	15.39
20%	408	34.44	17.15	30.48	16.06
25%	425	35.88	17.86	31.75	16.73