

EVO 6N

730-750W

SE6-66HBD

N-Type HJT Bifacial OBB Half Cell
Double-glass Solar Module

24.10%

Max. Module Efficiency

OBB Technology

Shorter current transmission distance, less resistive loss and higher cell efficiency, more sophisticated look.

HJT Technology

Combining gettering process and $\mu\text{-Si}$ technology to ensure higher cell efficiency and higher module power.

Up to 95% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.

Sealing with PIB

Integrated coating frames ensuring modules passing the IEC salt-mist test level 8.

Suitable for Utility project

Lower BOS cost, lower LCOE

Quality Management System and Product Certification

IEC61215, IEC61730

ISO 9001:2015/quality management system

ISO 14001:2015/environmental management system

ISO 45001:2018/occupation health safety

IEC62941:2019/Terrestrial photovoltaic (PV) modules-Quality system for PV module manufacturing

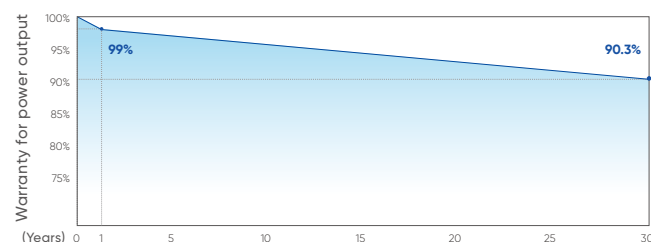
Quality Guarantee

15 year

Product Warranty

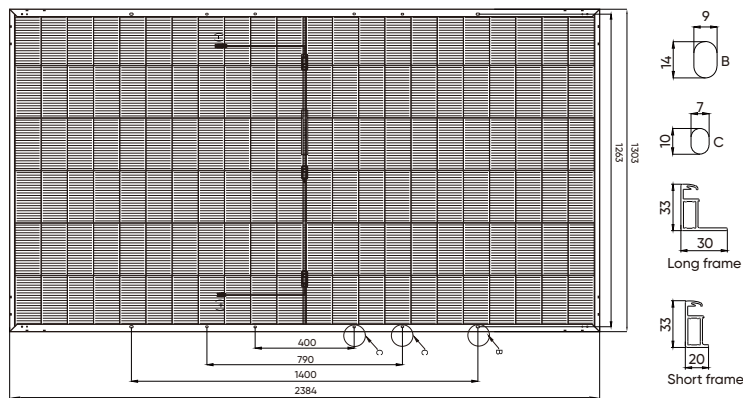
30 year

Linear Power Warranty



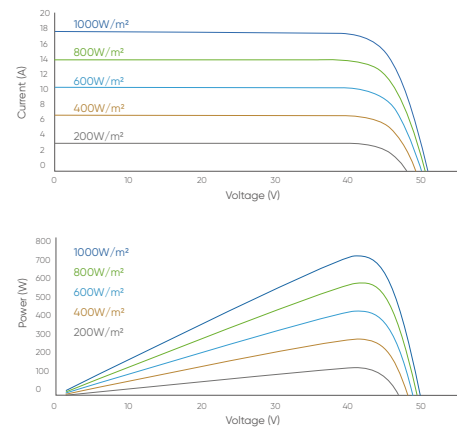
*First year power degradation $\leq 1\%$ *Annual power degradation (2-30 year) $\leq 0.3\%$ *Power output until the 30th year $\geq 90.3\%$

Engineering Drawings



I-V Curve

SE6-66HBD



Mechanical Characteristics

Cell Type	HJT
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33mm
Weight	37.9kg
Junction Box	IP68
Cable	4mm²; +350/-250mm or customized; UV resistant
Connector	MC4 / MC4-Evo2 / MC4-Evo2A / PV-H4 / Z4S-abcd / PV-ZH202B
Frame	Anodized aluminum alloy frame
Max Static Load (front side/rear side)	5400Pa / 2400Pa
Glass	Dual glass, 2.0mm
Modules Per Pallet	33
Pallets Per Container	18
Modules Per Container (40HQ)	594

Operating Characteristics

Nominal Operating Cell Temp.	44±2°C
Operating Temperature	-40~+85°C
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
Tolerance of Pmax	0~+3%
Power Selection	0~+5W
Bifaciality	90±5%
Safety Class	Class II

Temperature Characteristics

Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Isc	+0.04%/°C

Electrical Parameters (STC & NOCT)

SE6-66HBD	730		735		740		745		750	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	730	557	735	561	740	565	745	568	750	572
Maximum Power Voltage (Vmp/V)	42.32	40.41	42.41	40.50	42.50	40.58	42.59	40.67	42.68	40.76
Maximum Power Current (Imp/A)	17.26	13.79	17.34	13.86	17.42	13.92	17.50	13.99	17.58	14.05
Open Circuit Voltage (Voc/V)	50.37	48.08	50.47	48.17	50.57	48.27	50.67	48.36	50.77	48.46
Short Circuit Current (Isc/A)	18.35	14.67	18.44	14.74	18.53	14.81	18.62	14.88	18.71	14.95
Module Efficiency (%)	23.50		23.70		23.80		24.00		24.10	

STC: AM1.5, 1000W/m², 25°C. NOCT: AM1.5, 800W/m², 20°C, 1m/s. Measuring tolerance: ±3%

Electrical Parameters (BNPI)

Maximum Power (Pmax/W)	818	824	829	835	841
Voltage at Pmax (Vmp/V)	42.47	42.56	42.65	42.74	42.83
Current at Pmax (Imp/A)	19.28	19.37	19.46	19.55	19.64
Open Circuit Voltage (Voc/V)	50.54	50.65	50.75	50.85	50.95
Short Circuit Current (Isc/A)	20.58	20.68	20.78	20.88	20.98

BNPI: AM1.5, 1000W/m², 135W/m², 25 °C