

EVO 6N

755-770W

SE6-66HBD

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

24.80%

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 $\mu\text{c-Si}$ 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

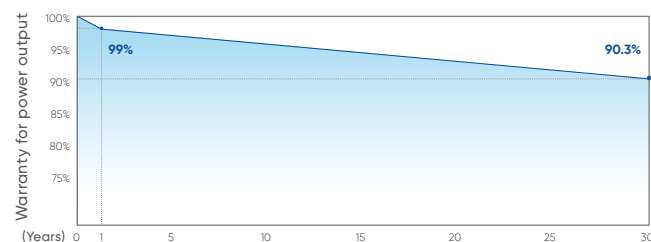
IEC62941:2019/Terrestrial photovoltaic (PV) modules-Quality system for PV module manufacturing

IEC/TS62994: 2019 Photovoltaic (PV) Modules Through the Life Cycle-environmental Health and Safety(EH&S) Risk Assessment-general Principles and Nomenclature

Quality Guarantee

15 year Product Warranty

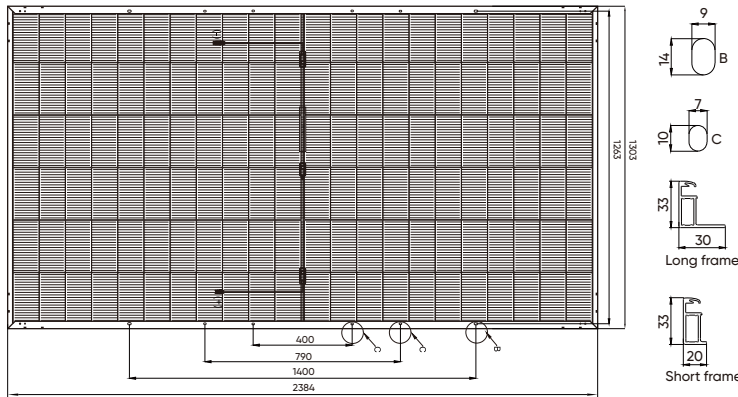
30 year Linear Power Warranty



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

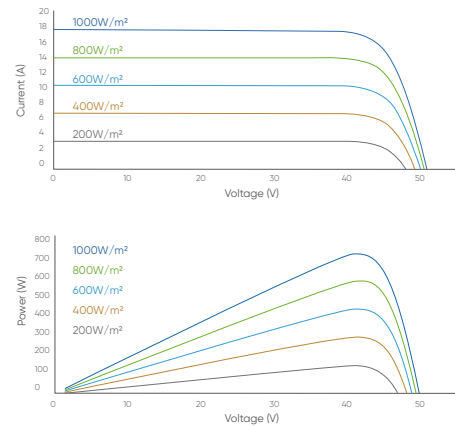
Engineering Drawings

Unit: mm



I-V Curve

(SE6-66HBD)



Mechanical Characteristics

Cell Type	HJT
No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33mm
Weight	379kg
Junction Box	IP68
Cable	4mm ² ; +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	DC2000V / 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	755		760		765		770	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	755	576	760	580	765	584	770	587
Maximum Power Voltage (Vmp/V)	42.13	40.25	42.22	40.33	42.30	40.41	42.39	40.49
Maximum Power Current (Imp/A)	17.92	14.32	18.00	14.39	18.09	14.46	18.17	14.52
Open Circuit Voltage (Voc/V)	50.16	47.87	50.26	47.97	50.36	48.07	50.46	48.16
Short Circuit Current (Isc/A)	19.06	15.24	19.15	15.31	19.24	15.38	19.33	15.45
Module Efficiency (%)	24.30		24.50		24.60		24.80	

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

Electrical Parameters (BNPI)

	846	852	857	863
Maximum Power (Pmax/W)	846	852	857	863
Voltage at Pmax (Vmp/V)	42.28	42.36	42.45	42.53
Current at Pmax (Imp/A)	20.03	20.12	20.21	20.30
Open Circuit Voltage (Voc/V)	50.33	50.43	50.53	50.64
Short Circuit Current (Isc/A)	21.38	21.48	21.58	21.68

BNPI: AM1.5, 1000W/m², 135W/m², 25 °C