

EVO 6N

# 695-715W

SE6-66HBD

Bifacial HJT Half Cell  
Double-glass Solar Module

23.02%

Max. Module Efficiency

## HJT 2.0 Technology

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

## -0.26%/°C Pmax temperature coefficient

More stable power generation performance and even better in hot climate.

## SMBB design with Half-Cut Technology

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

## Up to 90% Bifaciality

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

## Sealing with PIB based sealant

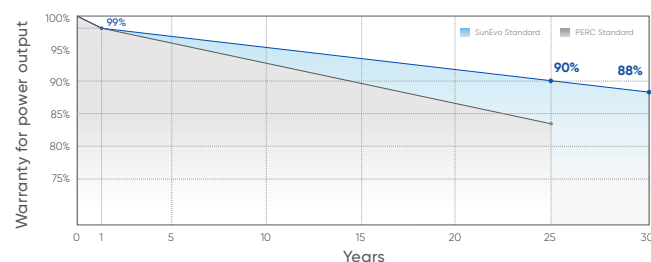
Stronger water resistance, greater air impermeability to extent module lifespan.

## Quality Management System and Product Certification

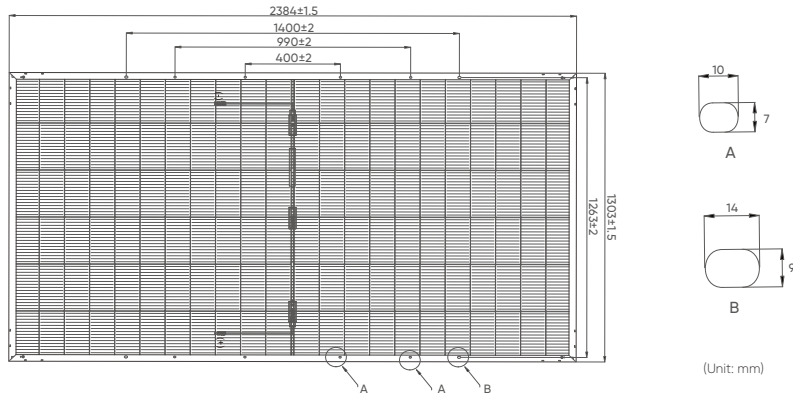
IEC61215/61730, IEC62804(PID), IEC61701(Salt),  
IEC62716 (Ammonia), IEC60068-2-68(Sand),  
ISO 9001:2015/quality management system,  
ISO 14001:2015/environmental management system,  
ISO 45001:2018/occupation health safety management system,  
ISO 50001:2011/energy management system,  
IEC TS 62941-2016/PV industry quality management system.

## Quality Guarantee

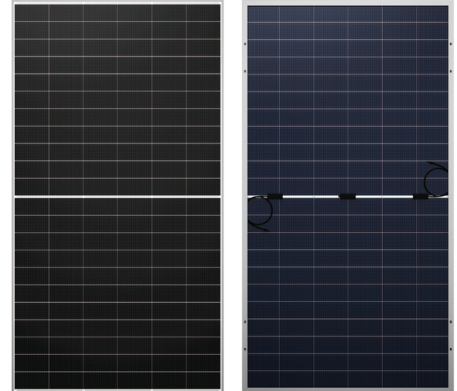
25 year Materials Warranty 30 year Power Warranty



Drawings



Product Image



Mechanical Characteristics

Solar Cells	HJT Mono 210×105mm
No. of Cells	132 (6×22)
Dimensions	2384 × 1303 × 35mm
Weight	38.7kg
Glass Thickness	(F) 2.0mm anti-reflective solar glass   (B) 2.0mm solar glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Output Cables	4mm <sup>2</sup> , 300mm in length, length can be customized / UV resistant
Connectors	MC4 original /MC4 compatible
Mechanical Load Test	5400Pa
Packaging	31pcs/box, 558pcs/40'HQ

Operating Characteristics

Operating Module Temperature	-40°C ~ +85°C
Maximum System Voltage	DC 1500V (IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0~+5W
Bifaciality	85%±5%

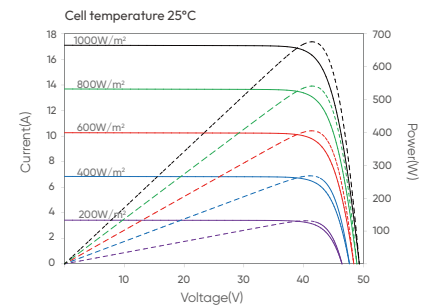
Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44±2°C
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

Electrical Parameters (STC\*)

Module Type: SE6-66HBD	695	700	705	710	715
Maximum Power (Pmax/W)	695	700	705	710	715
Module Efficiency (%)	22.37	22.53	22.70	22.86	23.02
Optimum Operating Voltage (Vmp/V)	41.95	42.10	42.25	42.39	42.54
Optimum Operating Current (Imp/A)	16.57	16.63	16.69	16.75	16.81
Open Circuit Voltage (Voc/V)	49.98	50.13	50.29	50.44	50.59
Short Circuit Current (Isc/A)	17.37	17.43	17.49	17.55	17.61

I-V Curve



BSTC\*

Maximum Power (Pmax/W)	765	770	775	780	785
Optimum Operating Voltage (Vmp/V)	41.95	42.10	42.25	42.39	42.54
Optimum Operating Current (Imp/A)	18.24	18.29	18.35	18.41	18.46
Open Circuit Voltage (Voc/V)	49.98	50.13	50.29	50.44	50.59
Short Circuit Current (Isc/A)	19.12	19.17	19.22	19.28	19.33

\*STC: Irradiance 1000 W/m<sup>2</sup>, cell temperature 25°C, AM=1.5. Tolerance of Pmax is within +/- 3%.

\*BSTC: Front side irradiation 1000W/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, ambient temperature 25°C.

