

**BiMAX 6N**

# 695-715W

## SP715M-66H

Bifacial HJT Half Cell Double-glass Solar Module

### 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.

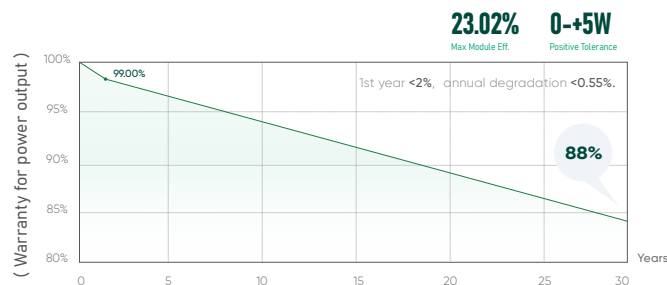
### Sealing with PIB based sealant

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

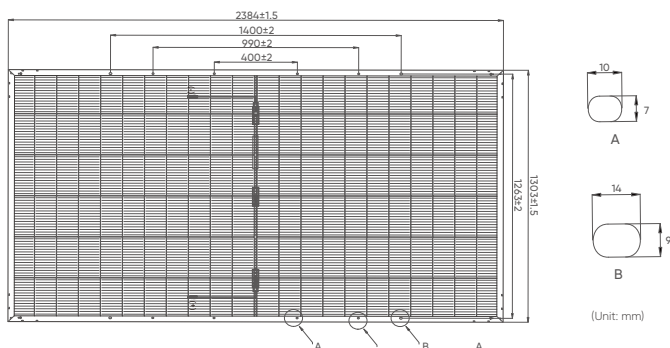
### Quality Management System and Product Certification

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



## Design(mm)



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

## Temperature Characteristics

NMOT (Nominal Module Operating Temperature)	44°C(±2°C)
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Pmax	-0.26%/°C

## Operating Characteristics

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

## Electrical Parameters (STC\*)

Module Type: SP715M-66H	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

## BSTC\*

	765	770	775	780	785
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.

## I-V Curve

