

**BiMAX 6R**

**615-635W**

SP635M-66H

N Type HJT Bifacial  
Double-glass Solar Module



**23.51%**

Max. Module Efficiency

### HJT 3.0 Technology

Combining gettering process and double-sided  $\mu\text{c-Si}$  to maximize cell efficiency and module power.

### 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.

### Higher reliability

Industrial leading product and performance warranty, ensuring modules' consistent outstanding performance.

### High customer value

Higher container space utilization effectively reduces the freight cost

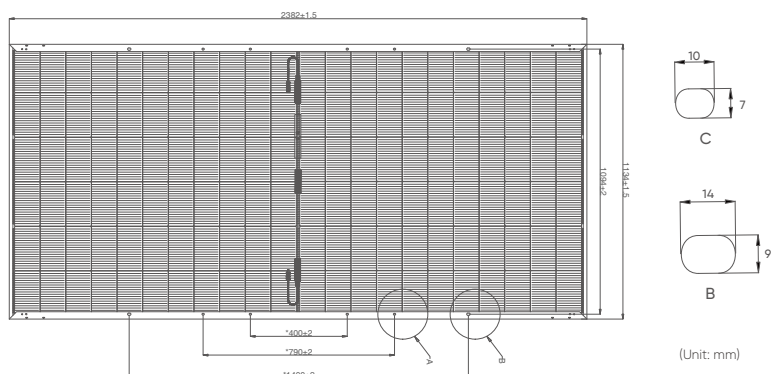
### Quality Management System and Product Certification

- 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.

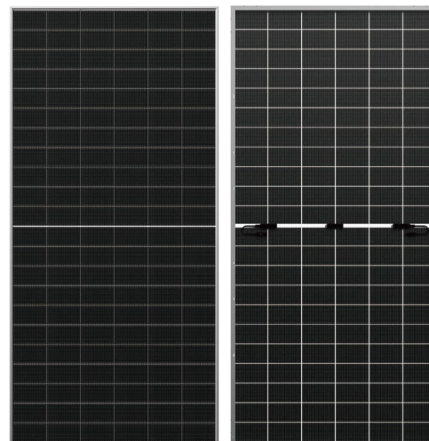
### Quality Guarantee



**Drawings**



**Product Image**



**Mechanical Characteristics**

Solar Cells	HJT Mono 182×105mm
No. of Cells	132 (6×22)
Dimensions	2382 × 1134 × 30mm
Weight	33.6kg
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	36pcs/box, 720pcs/40'HQ

**Operating Parameters**

Operational Temperature	-40°C~+85°C
Power Output Tolerance	0~3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	44±2°C

**Temperature Ratings (NOCT\*)**

Temperature Coefficient of Isc	+0.040%/°C
Temperature Coefficient of Voc	-0.220%/°C
Temperature Coefficient of Pmax	-0.260%/°C

**Electrical Parameters (STC\*)**

Module Type: <b>SP635M-66H</b>	615	620	625	630	635
Maximum Power (Pmax/W)	615	620	625	630	635
Open Circuit Voltage (Voc/V)	50.80	50.98	51.16	51.35	51.53
Short Circuit Current (Isc/A)	15.37	15.42	15.47	15.52	15.57
Voltage at Maximum Power (Vmp/V)	42.15	42.30	42.46	42.62	42.77
Current at Maximum Power (Imp/A)	14.60	14.66	14.72	14.79	14.85
Module Efficiency (%)	22.77	22.95	23.14	23.32	23.51

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

**Electrical Parameters (BSTC\*\*)**

Maximum Power (Pmax/W)	685	690	695	700	705
Open Circuit Voltage (Voc/V)	50.80	50.98	51.16	51.35	51.53
Short Circuit Current (Isc/A)	17.13	17.19	17.25	17.30	17.36
Voltage at Maximum Power (Vmp/V)	42.15	42.30	42.46	42.62	42.77
Current at Maximum Power (Imp/A)	16.26	16.32	16.37	16.43	16.49

\*\*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.