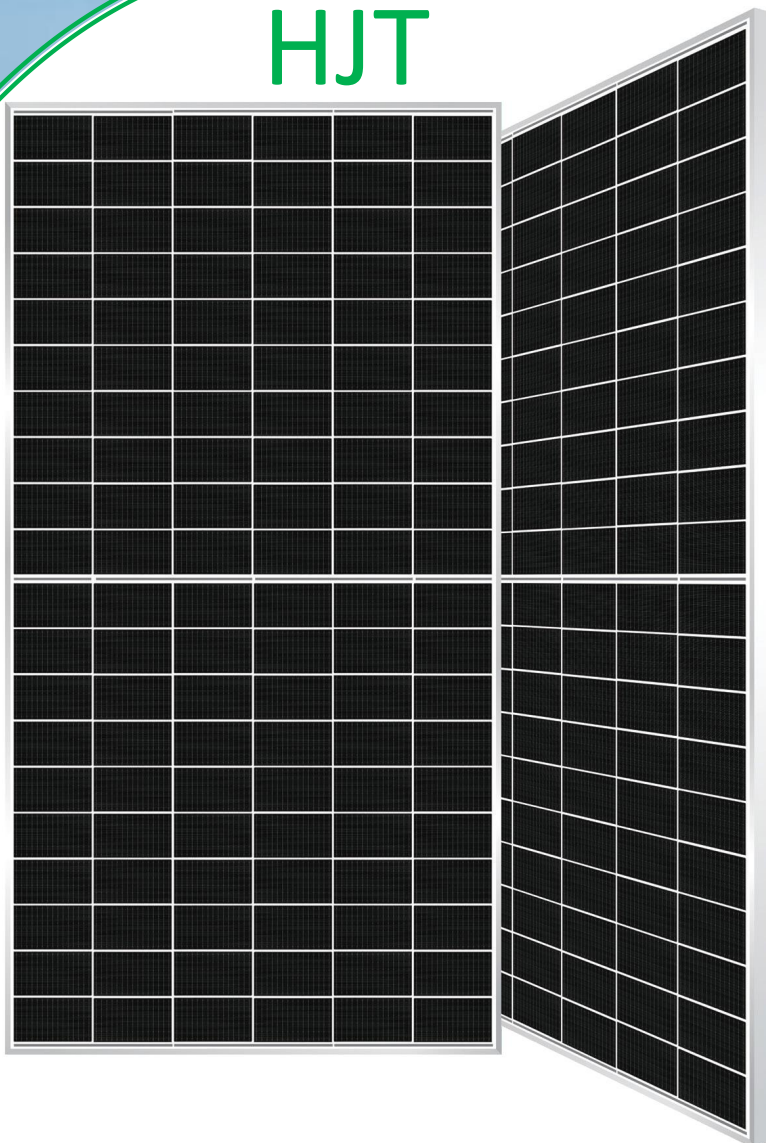




## HJT



## 615W-635W

**Heterojunction Technology**

Up to 21.96% efficiency for black module

**166mm Cel**

Unique 12BB HJT Cell with Half-cut design

**SMBB Half-Cut Cell Technology**

Black but transparent outfit, elegant for any rooftop

**Up to 95% Bifaciality**

15/30 years warranty, long-term high performance ensured

**Reliable, Durable Sustainable**

### WARRANTY

Product Warranty **15 years**

Linear Power Warranty **30 years**

## 120-cell Bifacial HJT Half Cell Solar Module



+86 15017396997



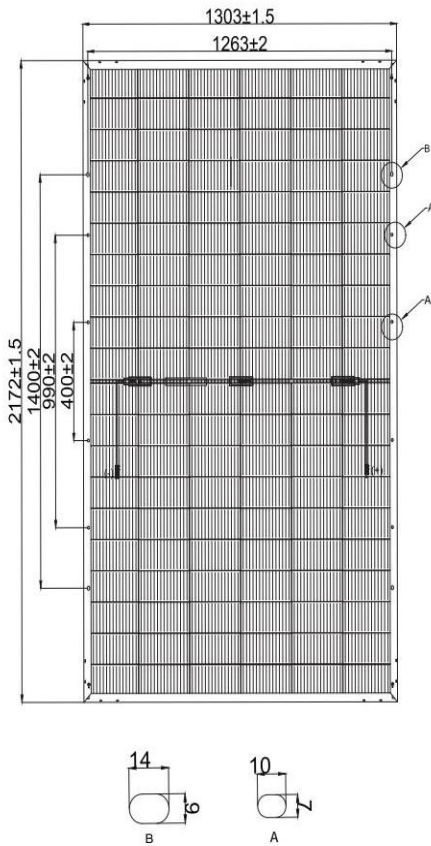
[www.fnepower.com](http://www.fnepower.com)



## 615W-635W

### Engineering Drawings

Unit: mm



### Electrical Characteristics (STC\*)

HS-210-B120	DS615	DS620	DS625	DS630	DS635
Maximum Power (P <sub>max</sub> )	615W	620W	625W	630W	635W
Module Efficiency (%)	21.73%	21.91%	22.08%	22.26%	22.44%
Optimum Operating Voltage (V <sub>mp</sub> )	37.53V	37.69V	37.86V	38.03V	38.19V
Optimum Operating Current (I <sub>mp</sub> )	16.39A	16.45A	16.51A	16.57A	16.63A
Open Circuit Voltage (V <sub>oc</sub> )	44.77V	44.95V	45.13V	45.30V	45.48V
Short Circuit Current (I <sub>sc</sub> )	17.19A	17.25A	17.31A	17.37A	17.43A
Operating Module Temperature	-40 to +85 C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	30A				
Power Tolerance	0~+5W				
Bifaciality	80% ± 5%				

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

### BSTC\*\*

Maximum Power (P <sub>max</sub> )	680W	685W	690W	695W	700W
Optimum Operating Voltage (V <sub>mp</sub> )	37.53V	37.69V	37.86V	38.03V	38.19V
Optimum Operating Current (I <sub>mp</sub> )	18.12A	18.18A	18.23A	18.28A	18.33A
Open Circuit Voltage (V <sub>oc</sub> )	44.77V	44.95V	45.13V	45.30V	45.48V
Short Circuit Current (I <sub>sc</sub> )	19.01A	19.06A	19.11A	19.16A	19.21A

\*\*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.

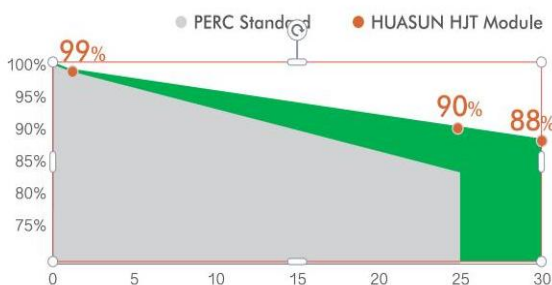
### Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 C ± 2 C
Temperature Coefficient of P <sub>max</sub>	-0.26%/C
Temperature Coefficient of V <sub>oc</sub>	-0.24%/C
Temperature Coefficient of I <sub>sc</sub>	0.04%/C

### Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

\* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.375%, and the power is no less than 88% until the 30th year.



\* Refer to HUASUN standard warranty for details

### Mechanical Characteristics

Cell Type	HJT Mono 210 × 105mm
Cell Connection	120 (6 × 20)
Module Dimension	2172 × 1303 × 35 mm
Weight	35.3 kg
Junction Box	IP68
Output Cable	4mm <sup>2</sup> , 1400mm in length, length can be customized / UV resistant
Connectors Type	MC4 compatible
Frame	Anodised aluminum alloy
Encapsulant	EPE
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 2.0mm anti-reflective surface solar glass   (B) 2.0mm solar glass

### Shipping Configurations

Container Size	HC
Container Size	40'
Pallets Per Container	18
Modules Per Pallet (pcs)	31
Modules Per Container (pcs)	558