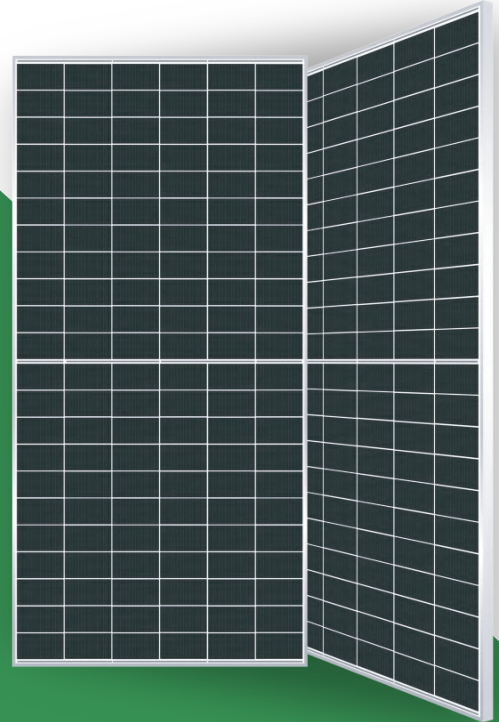


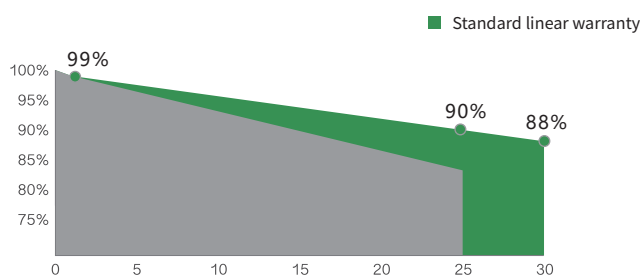
# 700-720W

## 132-cell Bifacial HJT Half Cell Double-glass Solar Module

HJT 2.0 Technology. Combining gettering process and single-side uc-Si technology to ensure higher cell efficiency and higher module power. 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.



### Linear performance Warranty



\* Refer to HUASUN standard warranty for details



Linear performance warranty



Product warranty

### Comprehensive Certificates

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



**QIDONG SHENYA INDUSTRY CO., LTD**

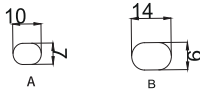
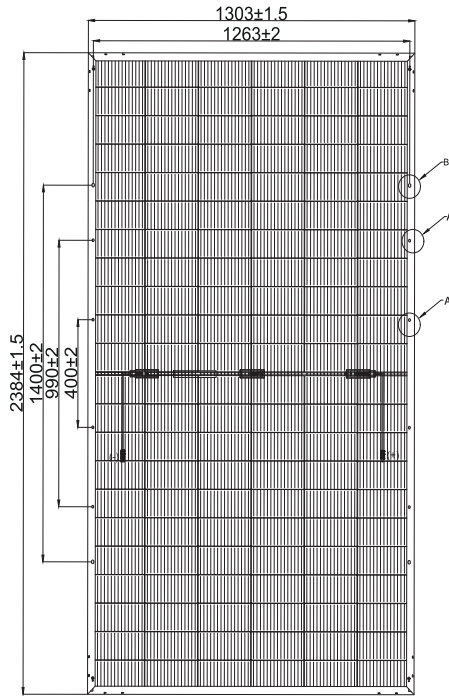
TEL: +86 15250188350

E-mail: paul@huge-solar.com

ADD: No.249 GongYuan Road, Qidong Jiangsu China

**Engineering Drawings**

Unit:mm


**Temperature Characteristics**

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

**Electrical Characteristics (STC\*)**

	(Pmax)	700W	705W	710W	715W	720W
Maximum Power	(%)	22.53%	22.70%	22.86%	23.02%	23.18%
Module Efficiency	(Vmp)	42.10V	42.25V	42.39V	42.54V	42.68V
Optimum Operating Voltage	(Imp)	16.63A	16.69A	16.75A	16.81A	16.87A
Optimum Operating Current	(Voc)	50.13V	50.29V	50.44V	50.59V	50.74V
Open Circuit Voltage	(Isc)	17.43A	17.49A	17.55A	17.61A	17.67A
Short Circuit Current	-40 to +85°C					
Operating Module Temperature	DC1500V(IEC)					
Maximum System Voltage	30A					
Maximum Series Fuse	0~+5W					
Power Tolerance	85%±5%					
Bifaciality						

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

**BSTC\*\***

	(Pmax)	770W	775W	780W	785W	790W
Maximum Power	(Vmp)	42.10V	42.25V	42.39V	42.54V	42.68V
Optimum Operating Voltage	(Imp)	18.29A	18.35A	18.41A	18.46A	18.51A
Optimum Operating Current	(Voc)	50.13V	50.29V	50.44V	50.59V	50.74V
Open Circuit Voltage	(Isc)	19.17A	19.22A	19.28A	19.33A	19.39A
Short Circuit Current						

\*\*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.

**Mechanical Characteristics**

Cell Type	HJT Mono 210x105mm
Cell Connection	132(6x22)
Module Dimension	2384x1303x35 mm
Weight	38.7 kg
Junction Box	IP68
Output Cable	4mm <sup>2</sup> , 300mm in length,length can be customized/UV resistant
Connectors Type	MC4 original/MC4 compatible
Frame	Anodised aluminum alloy
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	Double glass,2.0mm

**Shipping Configurations**

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