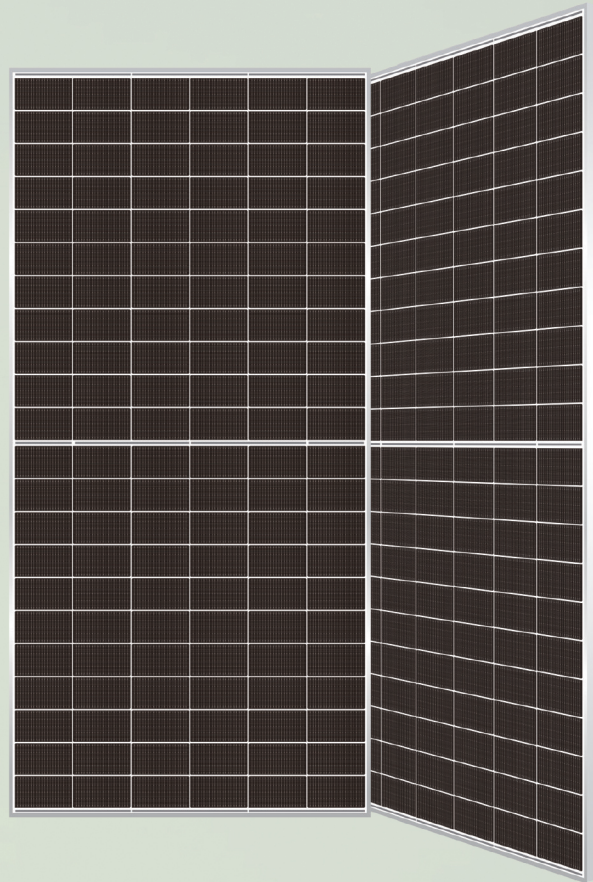




## HJT Solar Module

### KEY FEATURES

-  Excellent performance in low-light environments
-  High quality junction box and connector systems
-  100% inspection, to guarantee the reliability of solar systems
-  More energy yield from the backside
-  Stronger water resistance, greater air impermeability to extend module lifespan
-  Enhanced safety by excellent fire resistance
-  Perfect for sandy, snowy and high latitude regions
-  Lower operating temperature, more reliable
-  Cutcell, Less internal power loss, Less mismatch loss




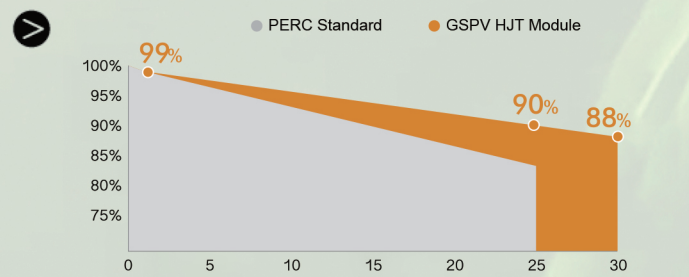
## GSPV-M12/132H-700W-720W 700~720 Watt

➤ 210mm 132cells Bifacial HJT Half Cell Double-glass Solar Module

**BLACK** \*BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST

➤ **15 Years** Product Warranty      **30 Years** Linear Power Warranty



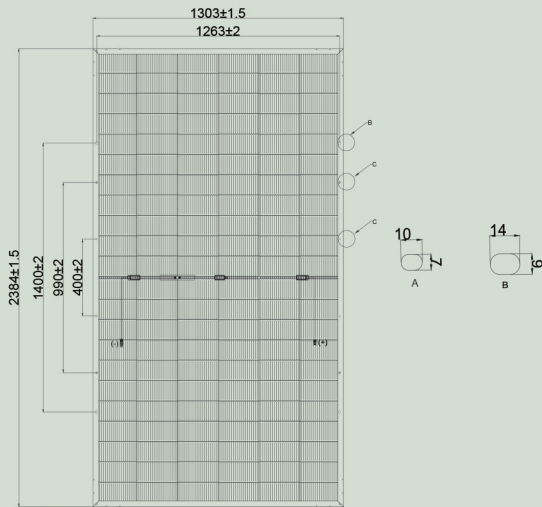


IEC61215  
IEC61730  
UL61215  
UL61730



## Engineering Drawings

Unit: mm



## BSTC\*\*

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

\*\*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.

## Shipping Configurations

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

## Electrical Characteristics (STC\*)

Model	GSPV-M12/132H-700W	GSPV-M12/132H-705W	GSPV-M12/132H-710W	GSPV-M12/132H-715W	GSPV-M12/132H-720W
Maximum Power (Pmax)	700W	705W	710W	715W	720W
Module Efficiency (%)	22.53%	22.70%	22.86%	23.02%	23.18%
Optimum Operating Voltage (Vmp)	42.10V	42.25V	42.39V	42.54V	42.68V
Optimum Operating Current (Imp)	16.63A	16.69A	16.75A	16.81A	16.87A
Open Circuit Voltage (Voc)	50.13V	50.29V	50.44V	50.59V	50.74V
Short Circuit Current (Isc)	17.43A	17.49A	17.55A	17.61A	17.67A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	35A				
Power Tolerance	0~+5W				
Bifaciality	85% ± 5%				

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

## 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
Fire Safety Class	Class C according to UL790
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.

## Mechanical Characteristics

Cell Type	HJT Mono 210 × 105mm
Cell Connection	132 (6 × 22)
Module Dimension	2384 × 1303 × 35 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