

EX720-745HJT(B)-132(HC)(210)BF

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

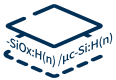
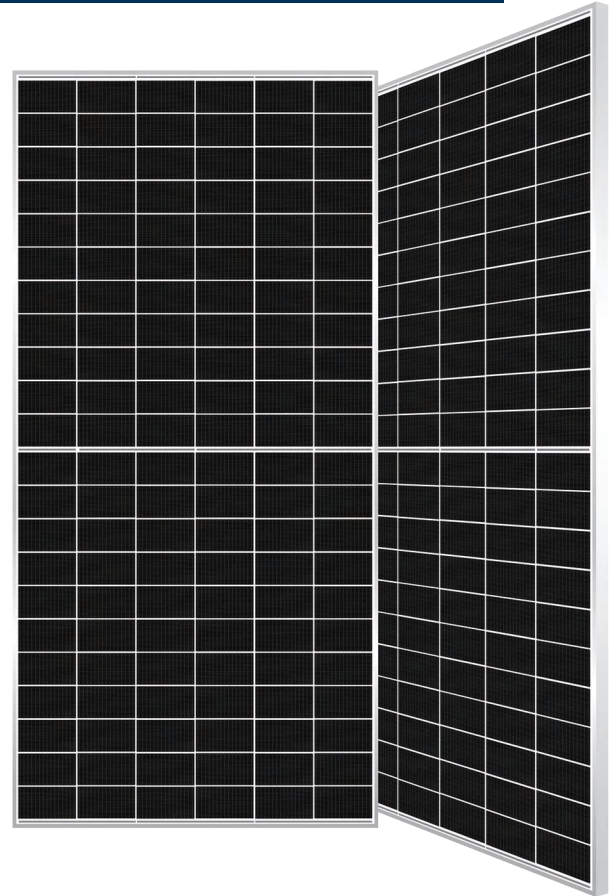


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

La alta eficiencia de nuestras células solares nos permite producir diferentes tipos de paneles para a su vez dar la mayor eficiencia posible a sus instalaciones.

Exiom Solution designs, manufactures and delivers high-performance solar electric technology worldwide.

Our high-efficiency solar cell let us manufacture the different kinds of panels to get the most efficient in your installations.



HJT Technology

Combining gettering process and $\mu\text{c-Si}$ technology to ensure higher cell efficiency and higher module power.



Sealing with PIB based sealant

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



-0.26%/°C Pmax temperature coefficient

More stable power generation performance and even better in hot climate.



Higher reliability

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



SMBB design with Half-Cut Technology

Shorter current transmission distance, less resistive loss and higher cell efficiency.



Suitable for Utility project

Lower BOS cost, lower LCOE.



Up to 90% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.

Product
Warranty

25
years

Linear
Power
Warranty

30
years

CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2



Especificaciones sujetas a cambios técnicos y pruebas.

Exiom Solution se reserva el derecho de la correcta interpretación final.

Specifications subject to technical changes and tests. Exiom Solution reserves the right of final interpretation.

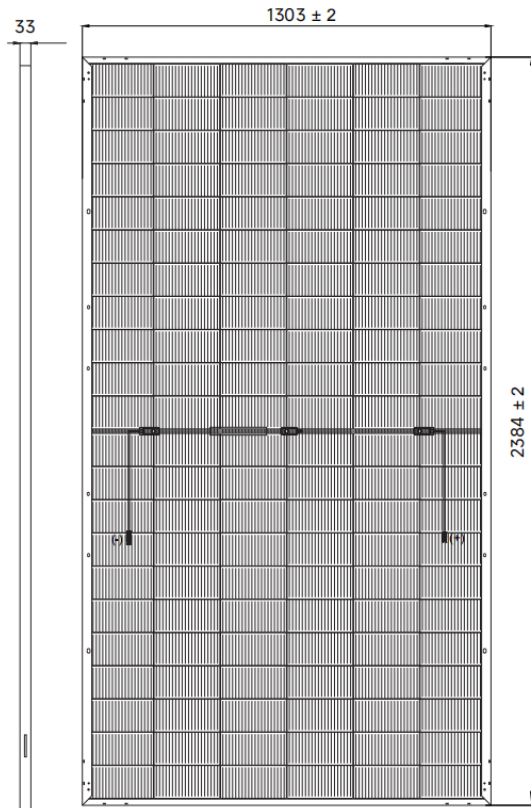
HEAD OFFICE: C/ SAN FRANCISCO, 5 – 5. 33003. OVIEDO
PHONE: +34 984 033 709 WWW.EXIOMSOLUTION.COM

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Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

	EX720	EX725	EX730	EX735	EX740	EX745
Maximum Power (Pmax)	720W	725W	730W	735w	740w	745w
Module Efficiency (%)	23.18%	23.34%	23.50%	23.66%	23.82%	23.98%
Optimum Operating Voltage (Vmp)	42.68V	42.83V	42.97V	43.11V	43.25V	43.39V
Optimum Operating Current (Imp)	16.87A	16.93A	16.99A	17.05A	17.11A	17.17A
Open Circuit Voltage (Voc)	50.74V	50.88V	51.03V	51.18V	51.33V	51.48V
Short Circuit Current (Isc)	17.67A	17.73A	17.79A	17.85A	17.91A	17.97A
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/m², cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

BSTC**

	790W	795W	800W	805W	810W	815W
Maximum Power (Pmax)	790W	795W	800W	805W	810W	815W
Optimum Operating Voltage (Vmp)	42.68V	42.83V	42.97V	43.10V	43.22V	43.35V
Optimum Operating Current (Imp)	18.51A	18.57A	18.62A	18.68A	18.74A	18.80A
Open Circuit Voltage (Voc)	50.74V	50.88V	51.03V	51.18V	51.33V	51.48V
Short Circuit Current (Isc)	19.39A	19.44A	19.50A	19.55A	19.61A	19.66A

**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25 °C.

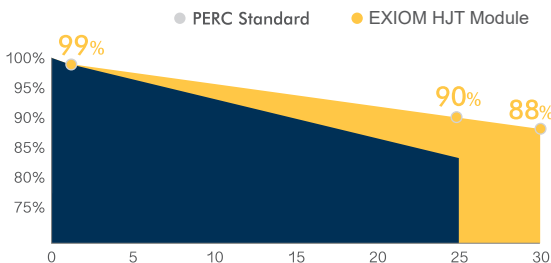
Temperature Characteristics

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	25 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 EXIOM standard warranty for details

Mechanical Characteristics

Cell Type	HJT Mono 210 × 105mm
Cell Connection	132 (6 × 22)
Module Dimension	2384 × 1303 × 33 mm
Weight	38.7 kg
Junction Box	IP68
Output Cable	4mm ² , 1200mm or customized
Connectors Type	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)	33
Modules Per Container (pcs)	594