

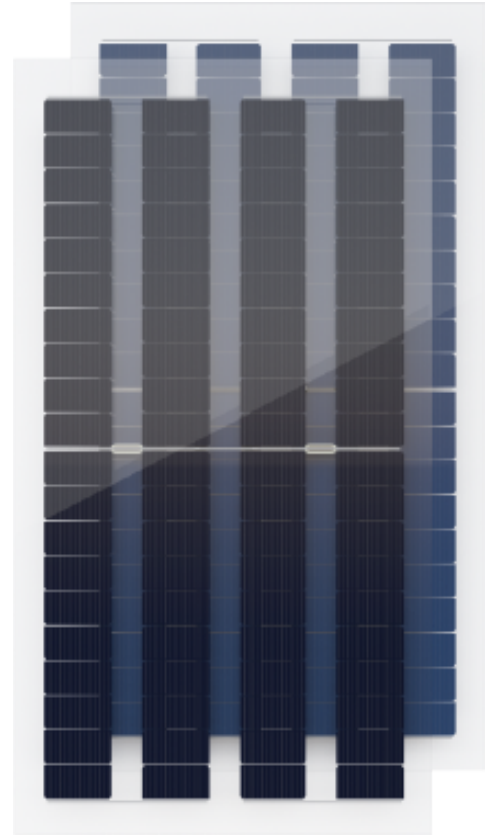
# EX320M10

182mm 80Cells Double Glass Bifacial Frameless  
AGRI Mono Half Cell PV Module Series



*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.*



## 320 Watt

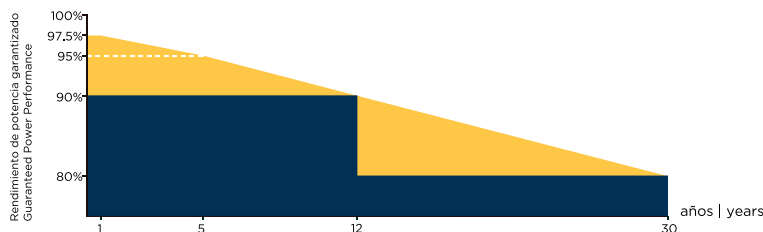
TRANSMITTANCE  
**45(%)**

## AGRI-PV

25Years Enhanced Product Warranty on Materials and Workmanship  
30Years Linear Power Performance Warranty

Garantía de rendimiento lineal  
Lineal performance warranty

Garantía de rendimiento estandar  
Standard performance warranty



CERTIFIED  
**IEC**  
61730 Ed.1

CERTIFIED  
**IEC**  
61215 Ed.2



Anti-PID  
System voltage durability  
PPP 56042



SMBB Technology  
Half Cut Solar Cell



High Energy  
Performance



100% Inspection  
30years Guarantee



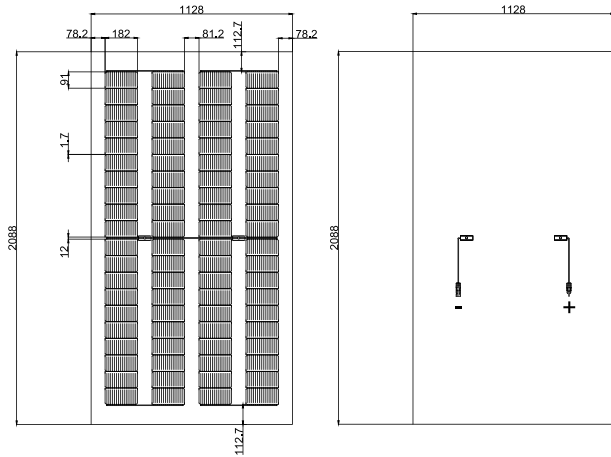
Fire Class A



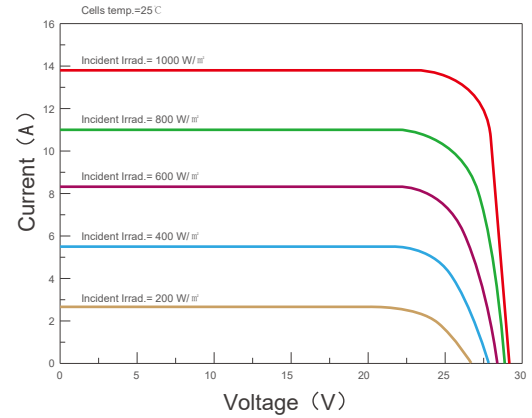
5400Pa  
Strengthened  
Mechanical Load



Advanced Bifacial  
Efficiency



Current-Voltage & Power-Voltage Curves (EX320M10)



All Dimensions in mm  
The above drawing is a graphical representation of the product.  
For engineering quality drawings please contact EXIOM.

## Electrical Characteristics (STC)

Module Type	EX320M10
	STC
Maximum Power- Pmax(W)	320
Open Circuit Voltage - Voc(V)	28.12
Short- Circuit Current - Isc(A)	13.77
Voltage at Pmax -Vmp(V)	24.6
Current at Pmax - Imp(A)	13.01
Module Efficiency -ηm(%)	19.55
Power Tolerance(W)	(0, +4.99W)
Maximum System Voltage(V)	700Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	25A

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

## Mechanical Specifications

External Dimensions	2088*1128*5mm
Weight	27kg
Solar Cells	Mono crystalline 182mm (2x40pcs)
Front Glass	2+2 mm tempered glass
Frame	Aluminum
Junction Box	IP67
Output Cables	4.0mm <sup>2</sup> , 120cm (+), 120cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

## Packing Configuration

	2088*1128*5mm	
Container	20'GP	40'HQ
Pieces per Pallet	34	34
Pallets per Container	8	18
Pieces per Container	272	612

## Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C