

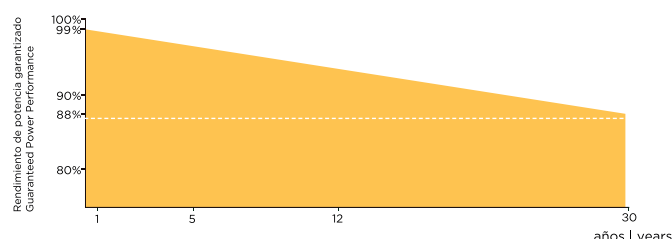


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY



25 AÑOS GARANTIA DE PRODUCTO YEARS PRODUCT WARRANTY



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



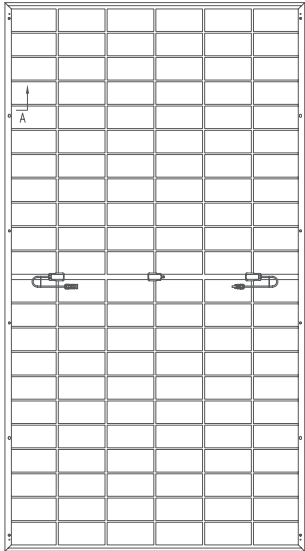
Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Bloomberg
NEW ENERGY FINANCE





DATOS MECÁNICOSMECHANICAL SPECIFICATIONS
Dimensions: 2384*1303mm
Number of Cells: 132 [2 x (11 x 6)]
Cell Size: 210mm*105mm
Weight: 38 kg
Junction Box: IP68 (3 diodes)
Frame: Anodized aluminum alloy
Front Glass 2.0mm, Anti-Reflection Coating
Rear Glass 2.0mm, Heat Strengthened Glass
Cable: 4mm2

TIPO TYPE	EX680MB-132BF		EX685MB-132BF		EX690MB-132BF		EX695MB-132BF		EX700MB-132BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Power output	680	513	685	517	690	521	695	525	700	529
Voltaje circ. abierto Voltage open circuit, VOC (V)	46.50	44.37	46.69	44.56	46.88	44.75	47.07	44.94	47.26	45.13
Intensidad cortocircuito Short circuit current, ISC (A)	18.69	15.05	18.74	15.09	18.79	15.13	18.84	15.17	18.89	15.21
Voltaje máximo Max. voltage, VMP (V)	38.55	36.15	38.74	36.36	38.94	36.56	39.13	36.74	39.33	36.94
Intensidad máxima actual Current, IMP (A)	17.64	14.19	17.68	14.22	17.72	14.25	17.76	14.29	17.80	14.32
Modulo eficiencia Moducle Efficiency (%)	21.89		22.05		22.21		22.37		22.53	
Max. potencia tolerada Max. power tolerance (%)					(0, +5W)					
Max. system Voltage (V)					1.500Vdc (IEC/UL)					
Maximum Series Fuse Rating (A)					30A					
Bifaciality					75±5%					

*STC: Irradiance 1000W/m2, Cell Temperature 25°C, AM 1.5 | *NOCT: Irradiance 800W/m2, Ambient Temperature 20°C, Wind Speed 1m/s

COEFICIENTES DE TEMPERATURATEMPERATURE COEFFICIENTS		BIFACIAL SALIDABIFACIAL OUTPUT REAR SIDE POWER GAIN					
Coeficiente de temp. Temp. Coefficient (PMAX)	-0.310%/°C	Power Gain	10%	15%	20%	25%	30%
Coeficiente de temp. Temp. Coefficient (ISC)	0.046%/°C	Maximum Power- Pmax (W)	759	794	828	863	897
Coeficiente de temp. Temp. Coefficient (VOC)	-0.26%/°C	Open Circuit Voltage - Voc (V)	46.88	46.88	46.88	46.88	46.88
Operating temperature	-40~+85°C	Short- Circuit Current - Isc (A)	20.67	21.61	22.55	23.49	24.43
NOCT	42±2°C	Voltage at Pmax -Vmp (V)	38.94	38.94	38.94	38.94	38.94
		Current at Pmax - Imp (A)	19.49	20.38	21.26	22.15	23.04

I-V CURVASCURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (690)

