

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.

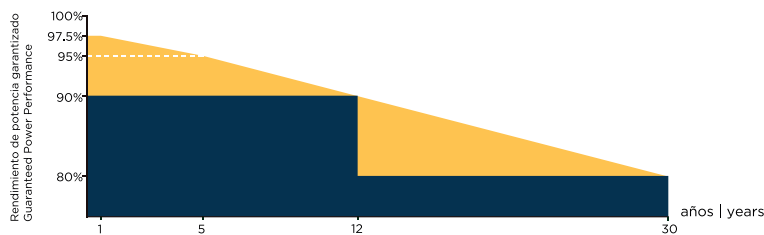
DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 1722*1134mm	Weight: 22 kg
Cells: N-Type 16BB 182mm (2x54pcs)	Mechanical load: Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Frame: Anodized aluminum alloy	Junction Box: IP68
Connector : MC4 compatible	Front glass: AR Coated 1.6+1.6 mm tempered glass
Cable: 4.0mm ² , 1m (+),1m (-), length can be customized	

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
 Lineal performance warranty

Garantía de rendimiento estandar
 Standard performance warranty

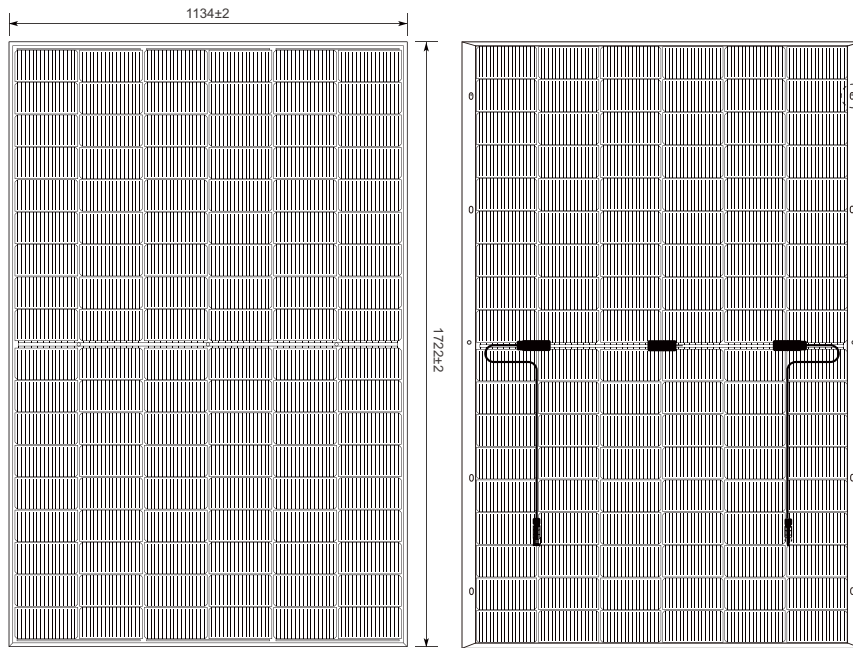


Anti-PID
 System voltage durability
 PPP 56042



Bloomberg
 NEW ENERGY FINANCE

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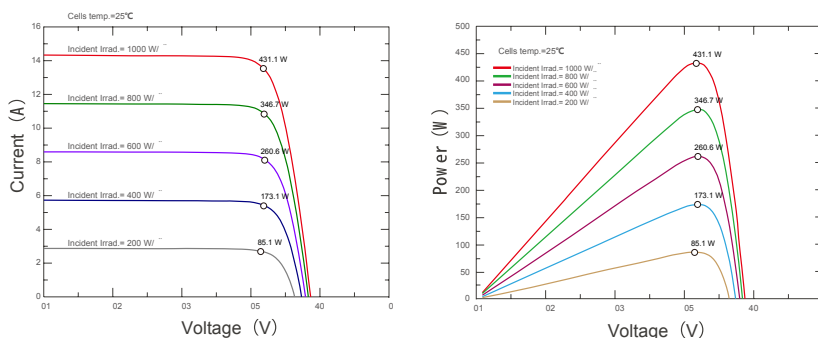
TIPO TYPE	EX415MB-108BF		EX420MB-108BF		EX425MB-108BF		EX430MB-108BF		EX435MB-108BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Power output	415	315.3	420	319.1	425	425	430	357	435	330.2
Voltaje circ. abierto Voltage open circuit, VOC (V)	37.92	35.90	38.11	36.10	38.30	38.30	38.49	40.41	38.68	36.50
Intensidad cortocircuito Short circuit current, ISC (A)	13.99	11.28	14.07	11.34	14.15	14.15	14.23	11.49	14.31	11.53
Voltaje máximo Max. voltage, VMP (V)	31.32	29.50	31.51	29.70	31.70	31.70	31.88	33.10	32.07	30.30
Intensidad máxima actual Current, IMP (A)	13.25	10.68	13.33	10.74	13.41	13.41	13.49	10.79	13.57	10.90
Modulo eficiencia Module Efficiency (%)	21.30		21.50		21.80		22.00		22.27	
Max. potencia tolerada Max. power tolerance (%)	(0, +4.99W)									
Max. system Voltage (V)	1.500Vdc (IEC/UL)									
Maximum Series Fuse Rating (A)	25A									

STC 1000 W/M2. Module Temperature 25°C A.M.1,5 | NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS	BIFACIAL SALIDA BIFACIAL OUTPUT	REAR SIDE POWER GAIN
Coeficiente de temp. Temp. Coefficient (P _{MAX})	Power Gain	5% 10% 15% 25% 30%
Coeficiente de temp. Temp. Coefficient (ISC)	Maximum Power- P _{max} (W)	473.0 494.5 516.0 537.5 554.0
Coeficiente de temp. Temp. Coefficient (VOC)	Open Circuit Voltage - Voc (V)	38.60 38.70 38.80 38.80 38.90
Operating temperature	Short- Circuit Current - Isc (A)	15.70 16.44 17.18 17.93 18.50
NOCT	Voltage at P _{max} -V _{mp} (V)	31.70 31.60 31.60 31.60 31.50
	Current at P _{max} - Imp (A)	14.94 15.64 16.33 17.04 17.58

I-V CURVAS | CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (430)



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.