

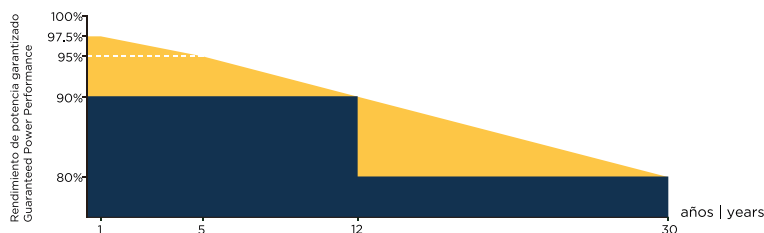
Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar. La alta eficiencia de nuestras células solares nos permite producir diferentes tipos de paneles para a su vez dar la mayor eficiencia posible a sus instalaciones.

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 DATA	CONDICIONES DE TRABAJO WORKING CONDITIONS
Dimensiones Dimensions: 2115*1052mm	Max. system voltage: 1500 V
Weight: 25 kg	Series fuse rating: 15 A
Cable Cable: 4mm ²	Mechanical load: 5400Pa
Glass: High Transmittance Glass 3.2mm	Operating temperature: -40-+85°C
Junction box: IP68, 3 Bypass-Diode, 300mm in length	Application class: A
Connector: Compatible with MC 4 plug	

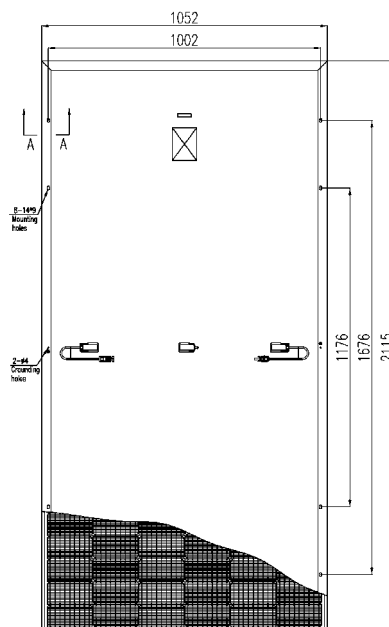
GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

- Garantía de rendimiento lineal
- Lineal performance warranty
- Garantía de rendimiento estandar
- Standard performance warranty



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.

EX425-445M(B)-144(HC)(166)(9BB)



TIPO TYPE	EX425MB-144	EX430MB-144	EX435MB-144	EX440MB-144	EX445MB-144
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STC 1000 W/M2. Module Temperature 25°C A.M.1,5

Potencia de salida Power output	425	430	435	440	445
Max. potencia tolerada Max. power tolerance (%)			+5		
Eficiencia módulo Module efficiency (%)	19.1	19.3	19.6	19.8	20.0
Voltage Máximo voltage, VMP (V)	40.52	40.72	40.89	41.09	41.28
Tensión máxima actual Current, IMP (A)	10.49	10.56	10.64	10.71	10.78
Tensión circ. abierto Voltage open circuit, VOC (V)	48.42	48.58	48.77	48.98	49.21
Corriente de cortocircuito Short circuit current, ISC (A)	11.23	11.31	11.39	11.46	11.53

NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5

Potencia de salida Power output	326.50	330.34	334.18	338.02	341.86
Voltage Máximo voltage, VMP (V)	36.93	37.12	32.27	37.45	37.63
Tensión máxima actual Current, IMP (A)	8.84	8.90	8.97	9.03	9.09
Tensión circ. abierto Voltage open circuit, VOC (V)	44.71	44.85	45.03	45.22	45.43
Corriente de cortocircuito Short circuit current, ISC (A)	9.55	9.62	9.68	9.74	9.80

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coeficiente de temp. Temp. Coefficient (P _{MAX})	-0.381%/°C
Coeficiente de temp. Temp. Coefficient (ISC)	0.046%/°C
Coeficiente de temp. Temp. Coefficient (VOC)	-0.381%/°C
NOCT	45±2°C

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (435)

