

MONOCRISTALINO MONOCRYSTALLINE

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.



EX370M(B)-144 (HALF CELL)

DATOS MECÁNICOS MECHANICAL DATA

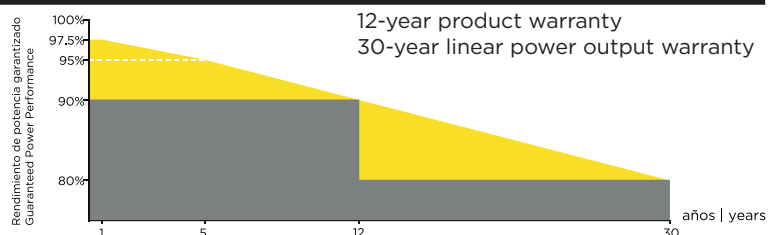
- Dimensiones | Dimensions: 2010*992
- Peso | Weight: 23 kg
- Cable | Cable: 4.0mm² (12AWG), Positive (+) 270mm, Negative (-) 100mm
- Cristal | Glass: 3.2mm, High Transmission, Low Iron, Tempered ARC Glass
- Caja de conexiones | Junction box: Potted, IP67m 15000VDC, 3 Schottky bypass diodes

CONDICIONES DE TRABAJO WORKING CONDITIONS

- Max. voltaje sistema | Max. system voltage: 1.000 V or 1500 V
- Fusible en serie | Series fuse rating: 15 A
- Carga mecánica | Mechanical load: ≥ 5.400 Pa / 2400Pa
- Temp. funcionamiento | Operating temperature: -40°C-+85°C
- Aplicación clase | Application class: A

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

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



HEAD OFFICE: C/ SAN FRANCISCO, 5 - 5. 33003. OVIEDO PHONE: +34 984 033 709

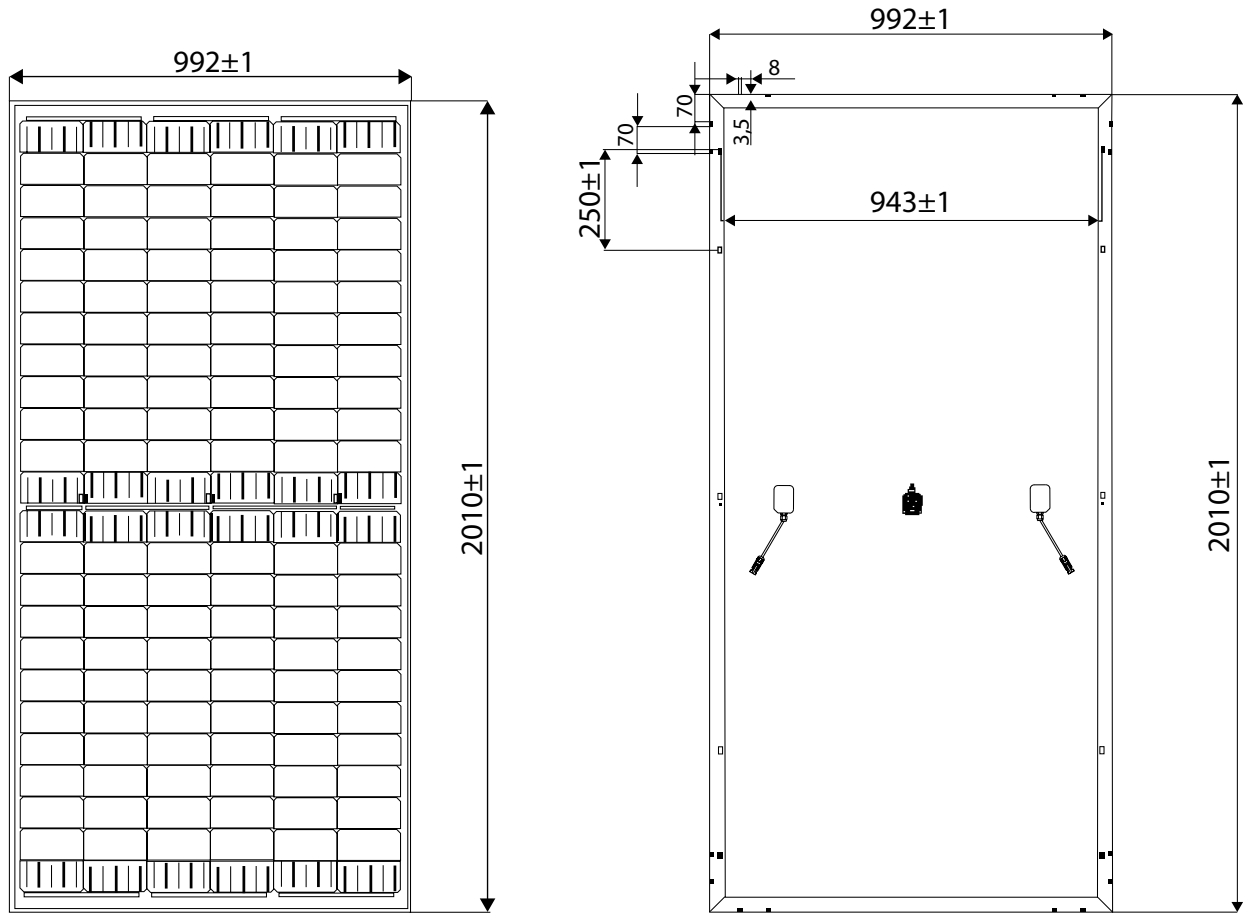
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SPANISH BRAND

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EX370M(B)-144(HALF CELL)

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TIPO TYPE

EX370M-144

EX375M-144

EX380M-144

EX385M-144

EX390M-144

STC 1000 W/M². Module Temperature 25°C A.M.1,5

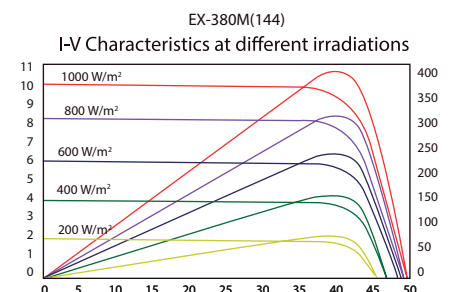
	EX370M-144	EX375M-144	EX380M-144	EX385M-144	EX390M-144
Potencia de salida Power output	370	375	380	385	390
Max. potencia tolerada Max. power tolerance (%)			0-+3%		
Eficiencia módulo Module efficiency (%)	18.6	18.8	19.1	19.3	19.6
Voltage Máximo voltage, VMP (V)	39.80	39.90	40.05	40.15	40.25
Tensión máxima actual Current, IMP (A)	9.30	9.40	9.50	9.60	9.70
Tensión circ. abierto Voltage open circuit, VOC (V)	47.60	47.75	48.00	48.15	48.30
Corriente cortocircuito Short circuit current, ISC (A)	9.90	10.00	10.10	10.20	10.37

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coefficiente de temp. Temp. Coefficient (P _{MAX})	-0.39%/°C
Coefficiente de temp. Temp. Coefficient (ISC)	0.05%/°C
Coefficiente de temp. Temp. Coefficient (VOC)	-0.29%/°C
NOCT	45±2°C

I-V CURVAS CURVES

T^a celdas | Cells temperature: 25°C



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