

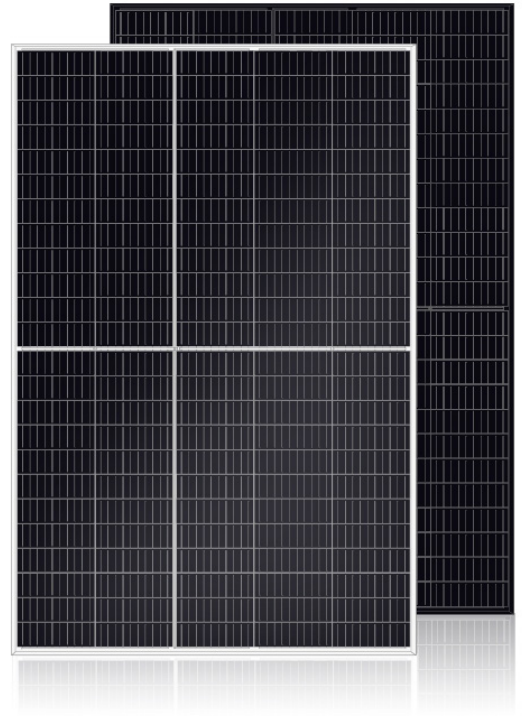


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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 & CONDICIONES DE TRABAJO

MECHANICAL SPECIFICATIONS & WORKING CONDITIONS

Dimensiones | Dimensions: 1754*1096mm

Max. Voltaje | Max. system Voltage (V): 1500

Peso | Weight: 21 kg

No máximo. de series | Max. Series Fuse Rating (A): 20

Cable: Photovoltaic Technology Cable 4.0mm, Portrait: 280/280 mm, Length can be customized

Cristal | Glass: 3.2 mm, High Transmission, AR Coated Heat Strengthened Glass

Nº Celdas | Nº Cells: 120 cells

Carga mecánica | Mechanical load: \geq 5400Pa

Trasera | Backsheet: Blanco / White

Material encapsulado | Encapsulant material: EVA/POE

Caja de conexiones | Junction box: IP 68 rated

Aplicación clase | Application class: A

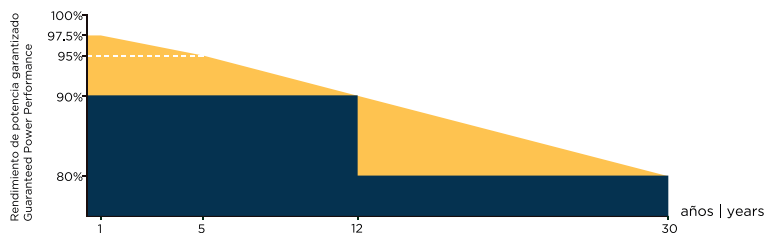
Conector | Connector: MC4 EVO2 / TS4

Temp. funcionamiento | Operating temperature: -40~+85°C

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Lineal performance warranty

Garantía de rendimiento estándar
Standard performance warranty



CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2



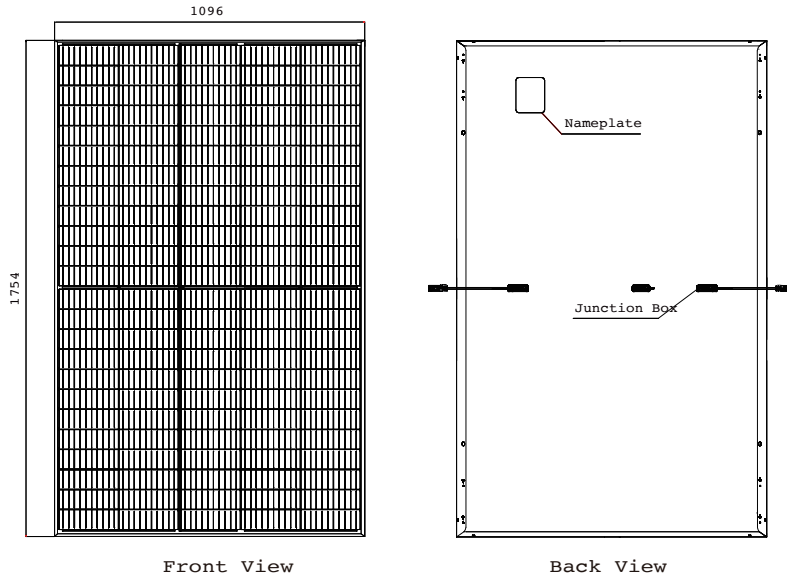
Anti-PID
System voltage durability
PPP 56042



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.

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EX390-410M(B)-120



TIPO TYPE	EX390MB-120	EX395MB-120	EX400MB-120	EX405MB-120	EX410MB-120
STC 1000 W/M2. Module Temperature 25°C A.M.1,5					
Potencia de salida Power output	390	395	400	405	410
Max. potencia tolerada Max. power tolerance (%)	(0,+5)				
Eficiencia módulo Module efficiency (%)	20.3	20.5	20.8	21.1	21.4
Voltage Máximo voltage, VMP (V)	33.8	34.0	34.2	34.4	34.6
Intensidad máxima actual Current, IMP (A)	11.54	11.62	11.70	11.77	11.84
Voltaje circ. abierto Voltage open circuit, VOC (V)	40.8	41.0	41.2	41.4	41.6
Intensidad de cortocircuito Short circuit current, ISC (A)	12.14	12.21	12.28	12.34	12.41
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5					
Potencia de salida Power output	295	298	302	306	310
Voltage Máximo voltage, VMP (V)	31.8	32.0	32.2	32.5	32.8
Intensidad máxima actual Current, IMP (A)	9.26	9.32	9.38	9.41	9.45
Voltaje circ. abierto Voltage open circuit, VOC (V)	38.4	38.6	38.8	38.9	39.1
Intensidad de cortocircuito Short circuit current, ISC (A)	9.78	9.84	9.90	9.95	9.99
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS					
Coeficiente de temp. Temp. Coefficient (PMAX)	-0.34%/°C				
Coeficiente de temp. Temp. Coefficient (ISC)	0.04%/°C				
Coeficiente de temp. Temp. Coefficient (VOC)	-0.25%/°C				
NOCT	43°C (±2°C)				

I-V CURVAS | CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (400)

