

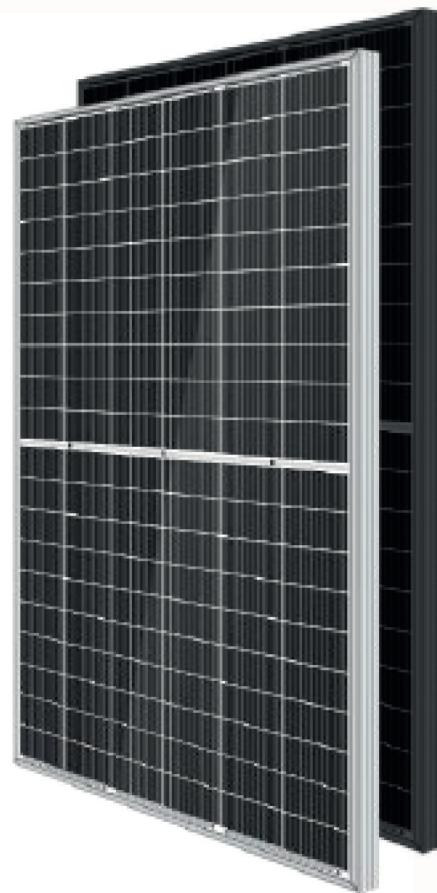


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.



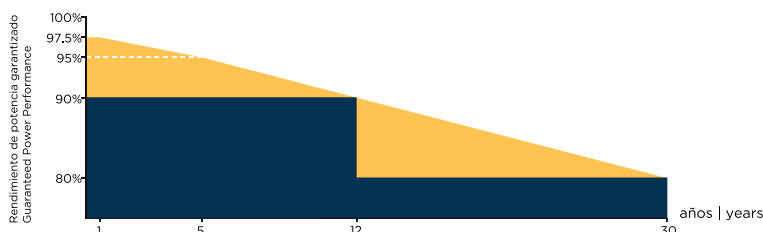
DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones Dimensions: 2172*1303*35mm	Max. Voltaje Max. system Voltage (V): 1500
Peso Weight: 31 kg	No máximo. de series Max. Series Fuse Rating (A): 30
Caja de conexiones Junction box: IP 68	Maximum Static Load, Front: 5400Pa(112lb/ft2)
Cable: 4mm ²	Maximum Static Load, Back: 2400Pa(50lb/ft2)
Dimensiones celdas Cells dimensions: 210*210mm	Marco Frame: Anodized aluminum alloy
Nº de celdas Nº cells: (60*2)	Temp. funcionamiento Operating temperature: -40~+85
Conector Connector: MC4 Compatible	Packaging Configuration: 31pcs/Pallet 558pcs/40HQ Container

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Lineal performance warranty

Garantía de rendimiento estandar
Standard performance warranty



CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2



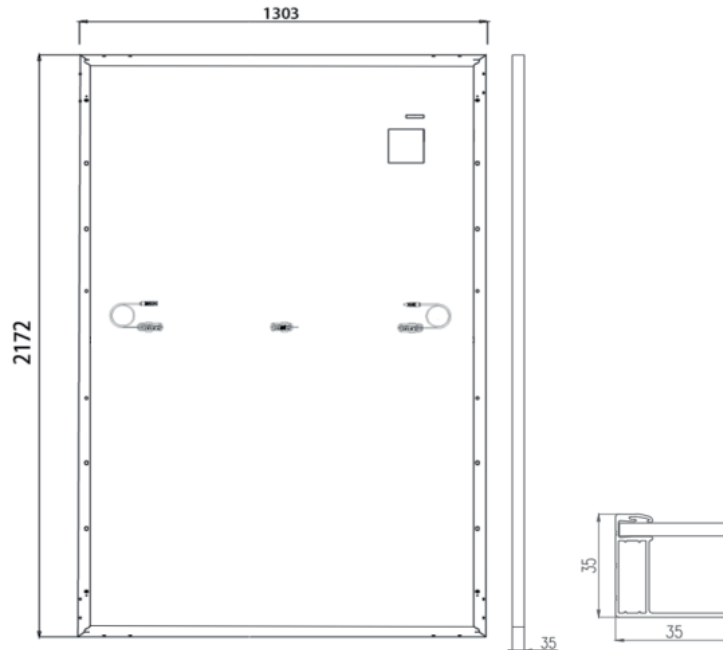
Anti-PID
System voltage durability
PPP 56042



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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EX590-605M(B)-120(HC)(210)



TIPO TYPE	EX590M120HC(210)	EX595M120HC210	EX600M120HC210	EX605M120HC210
STC 1000 W/M2. Module Temperature 25°C A.M.1,5				
Potencia de salida Power output	590	595	600	605
Max. potencia tolerada Max. power tolerance (%)	(0, +5)			
Eficiencia módulo Module efficiency (%)	20.85	21.02	21.20	21.38
Voltage Máximo voltage, VMP (V)	34.00	34.20	34.40	34.60
Intensidad máxima actual Current, IMP (A)	17.35	17.40	17.44	17.49
Voltaje circ. abierto Voltage open circuit, VOC (V)	41.10	41.30	41.50	41.70
Intensidad de cortocircuito Short circuit current, ISC (A)	18.42	18.47	18.52	18.57
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5				
Potencia de salida Power output	447	451	454	458
Voltage Máximo voltage, VMP (V)	31.70	31.90	32.10	32.30
Intensidad máxima actual Current, IMP (A)	14.09	14.13	14.18	14.22
Voltaje circ. abierto Voltage open circuit, VOC (V)	38.70	38.90	39.10	39.30
Intensidad de cortocircuito Short circuit current, ISC (A)	14.85	14.88	14.92	14.96
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS				
Coeficiente de temp. Temp. Coefficient (P _{MAX})	-0.36%/°C			
Coeficiente de temp. Temp. Coefficient (ISC)	0.05%/°C			
Coeficiente de temp. Temp. Coefficient (VOC)	-0.28%/°C			
NOCT	41±3°C			

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (590)

