

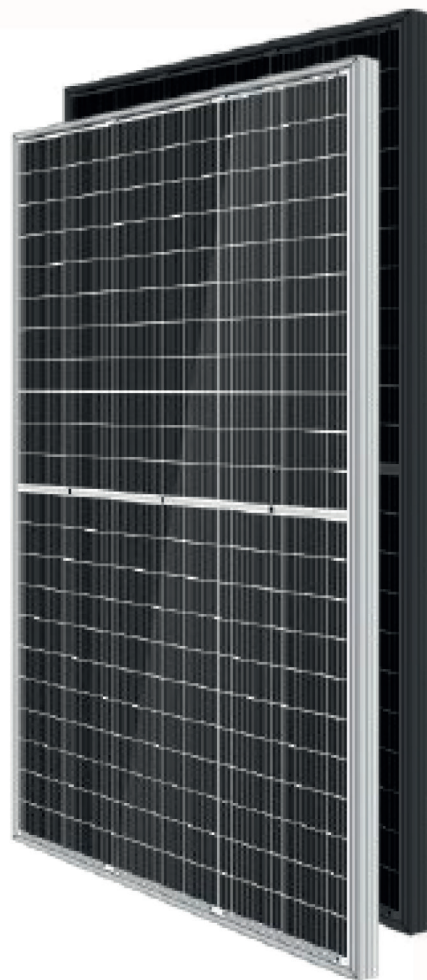


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.



1 **Bloomberg**
TIER NEW ENERGY FINANCE

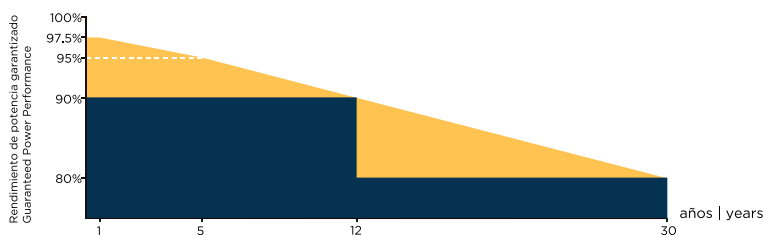
DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones Dimensions: 2384*1303*35mm	Max. Voltaje Max. system Voltage: 1500 Vdc (IEC /UL)
Peso Weight: 33 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) Maximum Static Load, Back: 2400Pa(50lb/ft2)
Cable: 4mm ²	Marco Frame: Anodized aluminum alloy
Dimensiones celdas Cells dimensions: 210*210mm	Cristal Frontal Front glass: AR Coated 3.2 mm tempered glass
Nº de celdas Nº cells: (66*2)	Conector Connector: MC4 Compatible
Packaging Configuration:	31pcs/Pallet 558pcs/40HQ Container

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Linear performance warranty

Garantía de rendimiento estandar
Standard performance warranty



CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2



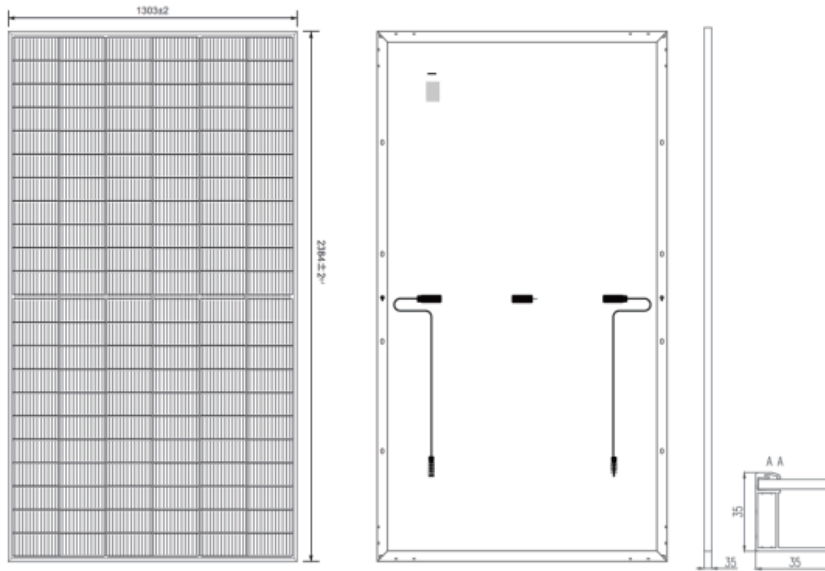
Anti-PID
System voltage durability
PPP 56042



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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EX650-670M(B)-132(HC)(210)



TIPO TYPE	EX650M132HC210	EX655M132HC210	EX660M132HC210	EX665M132HC210	EX670M132HC210
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STC: Irradiance 1000W/m², Cell Temperature 25, Air Mass 1.5

Potencia de salida Power output	650	655	660	665	670
Potencia tolerada Power tolerance (W)	(0, +4.99W)				
Eficiencia módulo Module efficiency (%)	20.92	21.10	21.20	21.40	21.60
Voltage Máximo voltage, VMP (V)	37.40	37.60	37.80	38.00	38.20
Intensidad máxima actual Current, IMP (A)	17.39	17.43	17.47	17.51	17.55
Voltaje circ. abierto Voltage open circuit, VOC (V)	45.30	45.50	45.70	45.90	46.10
Intensidad de cortocircuito Short circuit current, ISC (A)	18.44	18.48	18.53	18.57	18.62

NOCT : Irradiance 800W/m², Ambient Temperature 20, Air Mass1.5, Wind Speed 1m/s

Potencia de salida Power output	492	496	500	504	508
Voltage Máximo voltage, VMP (V)	34.90	35.10	35.30	35.40	35.60
Intensidad máxima actual Current, IMP (A)	14.09	14.13	14.17	14.22	14.26
Voltaje circ. abierto Voltage open circuit, VOC (V)	42.70	42.90	43.00	43.20	43.40
Intensidad de cortocircuito Short circuit current, ISC (A)	14.86	14.89	14.93	14.96	15.01

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coefficiente de temp. Temp. Coefficient (P _{MAX})	-0.350%/°C
Coefficiente de temp. Temp. Coefficient (ISC)	0.045%/°C
Coefficiente de temp. Temp. Coefficient (VOC)	-0.275%/°C
Temp. de funcionamiento Operating Temperature	-40~+85°C
NOCT	45±2°C

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (670)

