

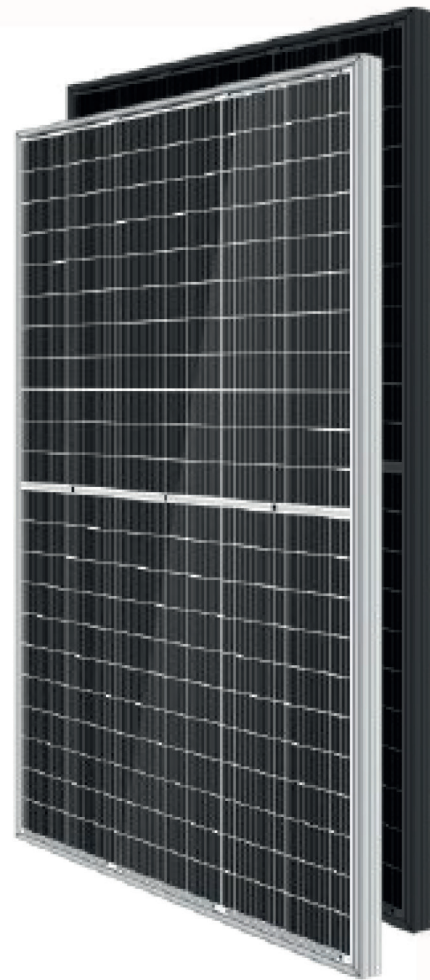


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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\*1303mm

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

Carga Mecánica | Mechanical load:  
Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Cable: 4mm<sup>2</sup>

Marco | Frame: Anodized aluminum alloy

Dimensiones celdas | Cells dimensions: 210\*210mm

Cristal Frontal | Front glass: AR Coated 3.2 mm tempered glass

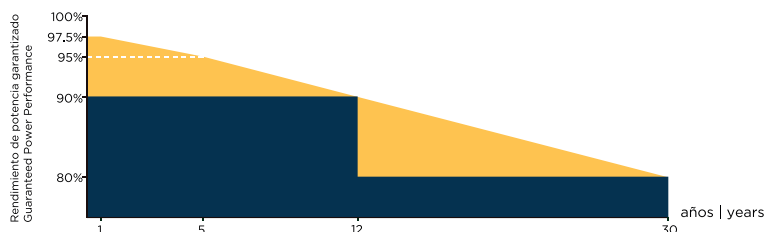
Nº de celdas | Nº cells: (66\*2)

Conector | Connector: MC4 Compatible

#### 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



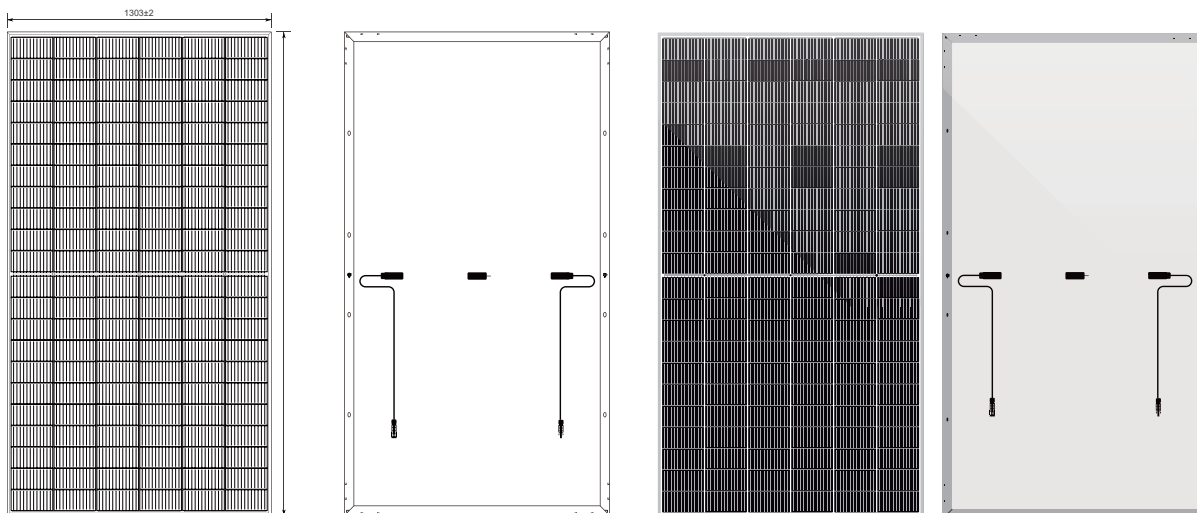
Anti-PID  
System voltage durability  
PPP 56042



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



## TIPO TYPE EX650M132HC210 EX655M132HC210 EX660M132HC210 EX665M132HC210 EX670M132HC210

STC: Irradiance 1000W/m<sup>2</sup>, 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/m<sup>2</sup>, 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 <sub>MAX</sub> )	-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)

