

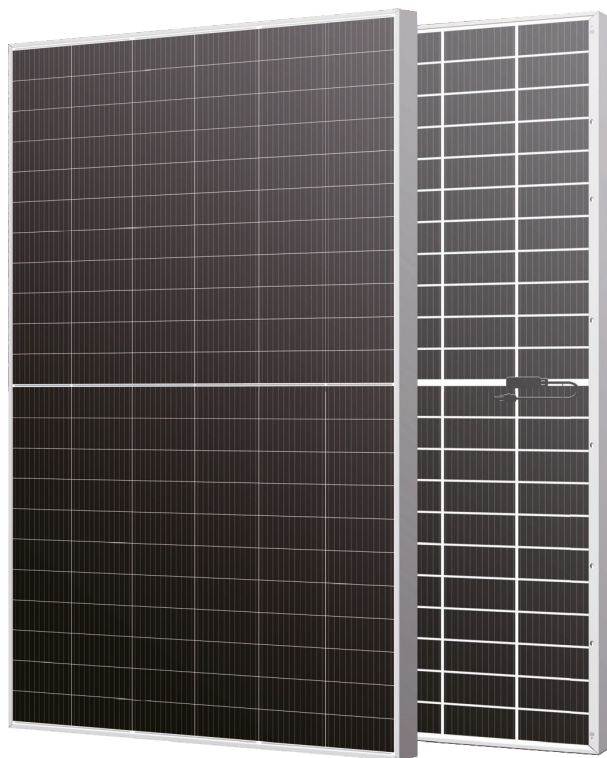


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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: 2384mm*1303mm

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

Peso | Weight: 38 kg

No máximo. de series | Max. Series Fuse Rating (A): 35

Nº Celdas y conexiones | Nº Cells & connections: 132[2x(11 x 6)]

Carga mecánica | Mechanical load: Snow 5400Pa/Wind 2400Pa

Celdas | Cells: 210*105 mono

Temp. funcionamiento | Operating temperature: -40-+85

Conector | Connector : MC4 compatible

Factor bifacial | Bifacial Factor(%): 70±5


Caja Conexión | Junction Box: IP68, 3 Bypass-Diode


Clase seguridad | Safety Class: II

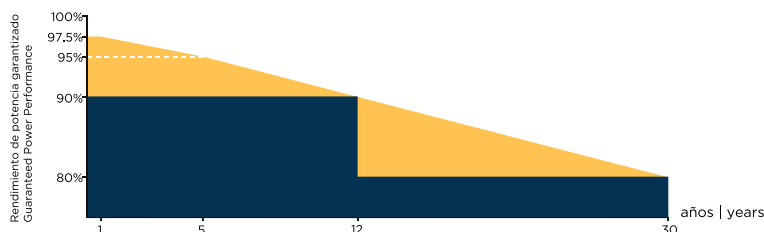
Cable: 4mm²/300mm or Customized Length

Cristal | Glass: 2.0mm heat strengthened glass

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



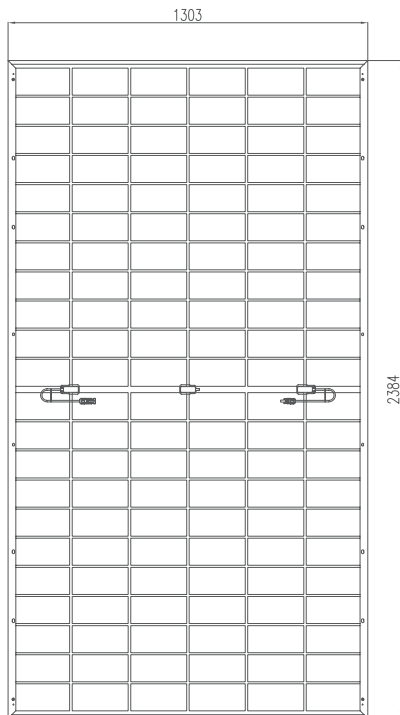
Anti-PID
System voltage durability
PPP 56042



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.

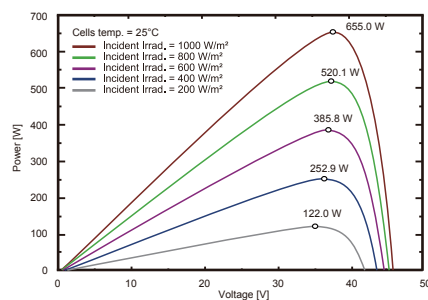
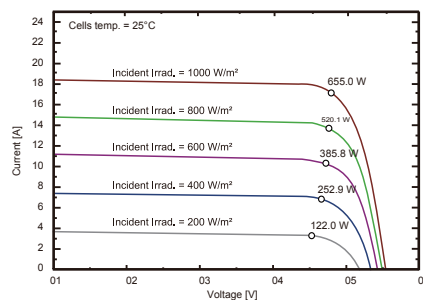
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EX645-665M(B)-132(HC)(210)BF



I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C.
Current-Voltage & Power Voltage Curve (665)



TIPO TYPE	EX645MB-132BF	EX650MB-132BF	EX655MB-132BF	EX660MB-132BF	EX665MB-132BF
STC 1000 W/M2. Module Temperature 25°C A.M.1,5					
Potencia de salida Power output	645	650	655	660	665
Max. potencia tolerada Max. power tolerance (%)	(0, +5)				
Eficiencia módulo Module efficiency (%)	20.8	20.9	21.1	21.2	21.4
Voltaje máximo Max. voltage, VMP (V)	37.52	37.72	37.91	38.08	38.28
Intensidad máxima actual Current, IMP (A)	17.19	17.23	17.28	17.33	17.37
Voltaje circ. abierto Voltage open circuit, VOC (V)	45.50	45.68	45.87	46.03	46.24
Intensidad cortocircuito Short circuit current, ISC (A)	18.58	18.63	18.68	18.73	19.78
REAR SIDE POWER GAIN					
Máxima potencia Maximum power (Pmax) (W)	710	715	721	726	732
Voltaje máximo Max. voltage, VMP (V)	37.52	37.72	37.91	38.08	38.28
Intensidad máxima actual Current, IMP (A)	18.91	18.95	19.01	19.06	19.11
Voltaje circ. abierto Voltage open circuit, VOC (V)	45.50	45.68	45.87	46.03	46.24
Intensidad cortocircuito Short circuit current, ISC (A)	20.44	20.49	20.55	20.60	20.66
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5					
Potencia de salida Power output	495.51	499.35	503.19	507.03	510.88
Voltaje máximo Max. voltage, VMP (V)	34.20	34.39	34.55	34.71	34.90
Intensidad máxima actual Current, IMP (A)	14.49	14.52	14.56	14.61	14.64
Voltaje circ. abierto Voltage open circuit, VOC (V)	42.01	42.18	42.35	42.50	42.69
Intensidad cortocircuito Short circuit current, ISC (A)	15.80	15.84	15.88	15.92	15.97
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS					
Coeficiente de temp. Temp. Coefficient (Pmax)	-0.353%/°C				
Coeficiente de temp. Temp. Coefficient (ISC)	0.026%/°C				
Coeficiente de temp. Temp. Coefficient (VOC)	-0.272%/°C				
NOCT	45±2°C				