

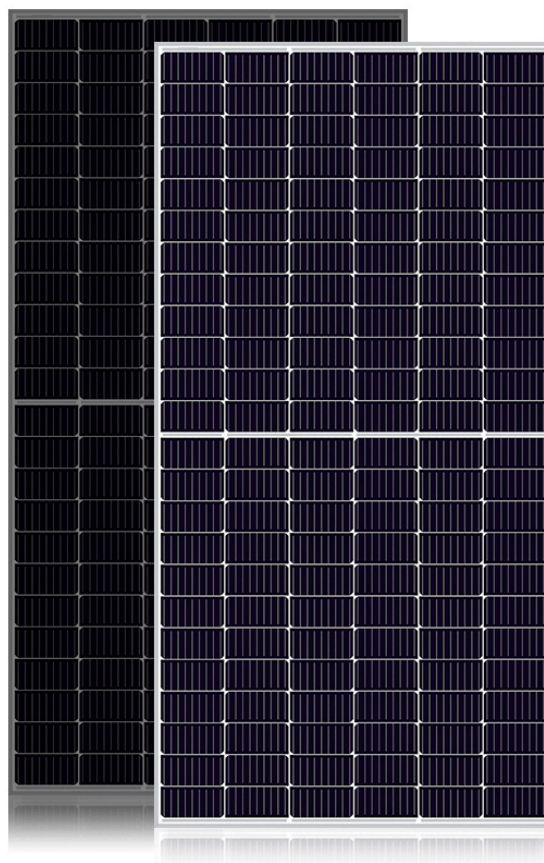


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.



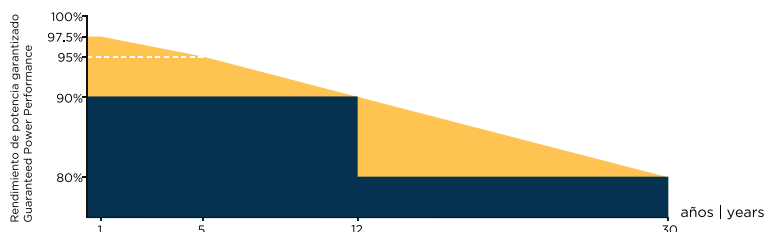
Manufactured in China

DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones Dimensions: 2279*1134*35mm	Max. Voltaje Max. system Voltage (V): 1500
Peso Weight: 27 kg	No máximo. de series Max. Series Fuse Rating (A): 25
Cable: 4 mm ²	Carga mecánica Mechanical load: 2400 / 5400Pa
Celdas Cells : 182*91 Mono 44(6*24)	Hot Spot Rate: 100% Free
No de diodos No of diodes: 3	Temp. funcionamiento Operating temperature: -40~+85
Caja de conexiones Junction box: IP68	Front Glass: AR Coated 3.2 mm tempered glass
Connector: RHC2xyzu	

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

- Garantía de rendimiento lineal
Lineal performance warranty
- Garantía de rendimiento estandar
Standard performance warranty



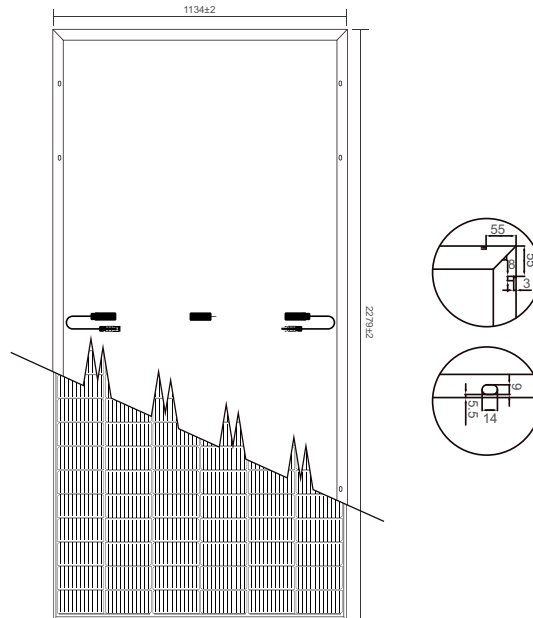
CERTIFIED IEC 61730 Ed.1
CERTIFIED IEC 61215 Ed.2



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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EX530-550M(B)-144(HC)(182)



TIPO TYPE	EX530MB-144	EX535MB-144	EX540MB-144	EX545MB-144	EX550MB-144
STC 1000 W/M2. Module Temperature 25°C A.M.1.5					
Potencia de salida Power output	530±3%	535±3%	540±3%	545±3%	550±3%
Potencia tolerada Power tolerance (W)	(0,+5)				
Eficiencia módulo Module efficiency (%)	20.7	20.9	21.1	21.3	21.5
Voltage Máximo voltage, VMP (V)	41.03	41.51	41.70	41.92	42.11
Intensidad máxima actual Current, IMP (A)	12.83	12.89	12.95	13.00	13.06
Voltaje circ. abierto Voltage open circuit, VOC (V)	48.83±2%	49.87±2%	49.95±2%	50.04±2%	50.28±2%
Intensidad de cortocircuito Short circuit current, ISC (A)	13.68±2%	13.72±2%	13.78±2%	13.84±2%	13.90±2%
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1.5					
Potencia de salida Power output	400.3	404.0	407.8	411.6	415.4
Voltage Máximo voltage, VMP (V)	38.72	38.94	39.21	39.39	39.57
Intensidad máxima actual Current, IMP (A)	10.34	10.38	10.40	10.45	10.50
Voltaje circ. abierto Voltage open circuit, VOC (V)	46.10	46.37	46.67	46.92	47.17
Intensidad de cortocircuito Short circuit current, ISC (A)	11.06	11.10	11.13	11.18	11.22

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coeficiente de temp. Temp. Coefficient (P _{MAX})	-0.34%/°C
Coeficiente de temp. Temp. Coefficient (ISC)	0.047%/°C
Coeficiente de temp. Temp. Coefficient (VOC)	-0.27%/°C
NOCT	44±2°C

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (550)

