



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: 2279*1134*30mm

Max. Voltaje | Max. system Voltage (V): 1000/1500

Peso | Weight: 27.4 kg

No máximo. de series | Max. Series Fuse Rating (A): 25

Cable: 4 mm²

Maximum Static Load, Front: 5400Pa(112lb/ft²)
Maximum Static Load, Back: 2400Pa(50lb/ft²)

Celdas | Cells : 182*91 Mono 144(6*24)

Hot Spot Rate: 100% Free

No de diodos | No of diodes: 3

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

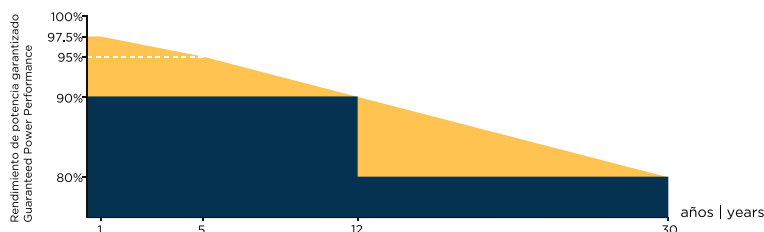
Caja de conexiones | Junction box: IP68

Packaging Configuration : 36pcs/Pallet 720pcs/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



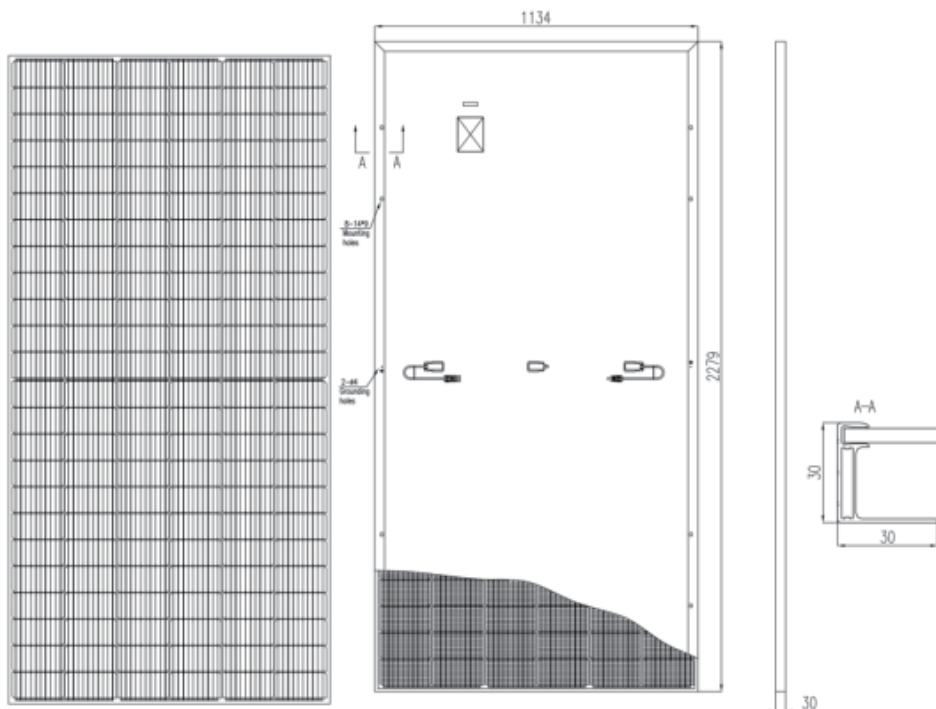
Anti-PID
System voltage durability
PPP 56042



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



TIPO TYPE	EX530MB(144)182	EX535MB(144)182	EX540MB(144)182	EX545MB(144)182	EX550MB(144)182
STC 1000 W/M2. Module Temperature 25°C A.M.1,5					
Potencia de salida Power output	530	535	540	545	550
Max. potencia tolerada Max. power tolerance (%)	(0, +5)				
Eficiencia módulo Module efficiency (%)	20.5	20.7	20.9	21.1	21.3
Voltaje Max. voltage, VMP (V)	41.03	41.28	41.54	41.76	41.95
Intensidad máxima actual Current, IMP (A)	12.92	12.97	13.00	13.06	13.12
Voltaje circ. abierto Voltage open circuit, VOC (V)	48.83	49.12	49.43	49.70	49.97
Intensidad de cortocircuito Short circuit current, ISC (A)	13.74	13.79	13.83	13.88	13.93
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
Voltaje Max. 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					
Coefficiente de temp. Temp. Coefficient(PMAX)	-0.35%/°C				
Coefficiente de temp. Temp. Coefficient(ISC)	0.04%/°C				
Coefficiente de temp. Temp. Coefficient(VOC)	-0.29%/°C				
NOCT	43±2°C				

I-V CURVAS | CURVES

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

