

DATOS MECÁNICOS

MECHANICAL SPECIFICATIONS

Dimensiones | Dimensions: 2108*1048mm / 2094*1038mm

Max. system voltage: 1000-1500V

Peso | Weight: 25 kg

Series fuse rating: 15 A

Cable: 4.0mm²

Mechanical load: 5400Pa

Glass: High Transmittance Glass 3.2mm

Operating temperature: -40~+85°C

Junction box: IP68, 3 Bypass-Diode, 300mm in length

Application class: A

No. of Cells & Connections: 144(6*24)

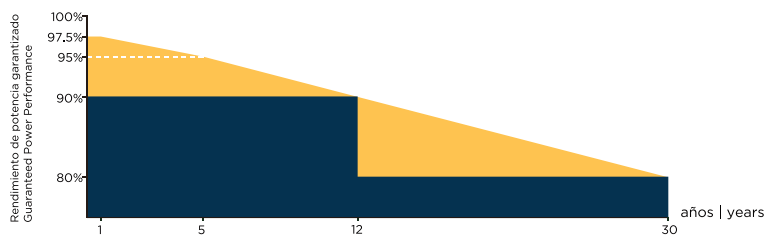
Connector: Compatible with MC 4 plug

GARANTÍA DE RENDIMIENTO LINEAL

LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Garantía de rendimiento estándar

Lineal performance warranty
Standard performance warranty



CERTIFIED
IEC
61730 Ed.1

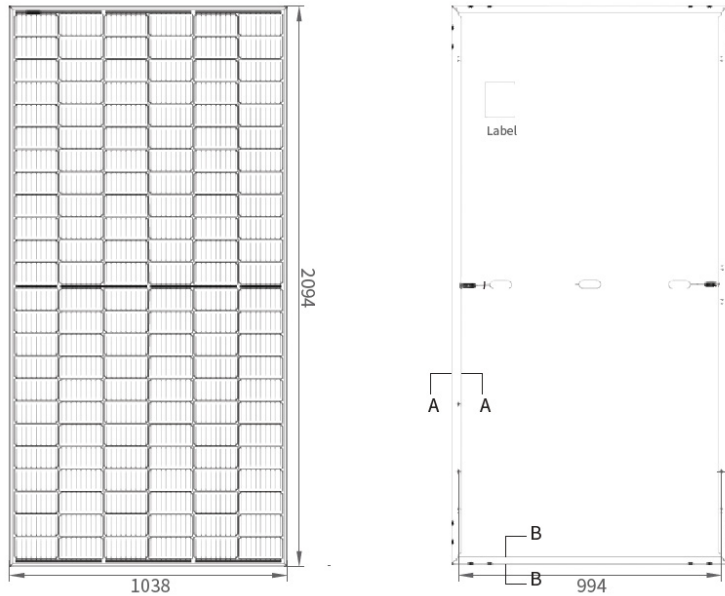
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61215 Ed.2



Anti-PID
System voltage durability
PPP 56042



Especificaciones sujetas a cambios técnicos y pruebas.
Se reserva el derecho de la correcta interpretación final.
Specifications subject to technical changes and tests.



TIPO	TYPE	EX440M-144_166	EX445M-144_166	EX450M-144_166	EX455M-144_166
STC 1000 W/M2. Module Temperature 25°C A.M.1,5					
Potencia de salida Power output		440	445	450	455
Max. potencia tolerada Max. power tolerance (%)		(0+5)			
Eficiencia módulo Module efficiency (%)		20.2	20.5	20.7	20.9
Voltage Máximo voltage, VMP (V)		40.97	41.16	41.36	41.56
Tensión máxima actual Current, IMP (A)		10.74	10.82	10.89	10.96
Tensión circ. abierto Voltage open circuit, VOC (V)		49.58	49.78	49.98	50.18
Corriente de cortocircuito Short circuit current, ISC (A)		11.35	11.42	11.50	11.58
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5					
Potencia de salida Power output		331.2	334.9	338.7	342.5
Voltage Máximo voltage, VMP (V)		38.54	38.69	38.88	39.06
Tensión máxima actual Current, IMP (A)		8.59	8.66	8.71	8.77
Tensión circ. abierto Voltage open circuit, VOC (V)		46.81	47.00	47.18	47.37
Corriente de cortocircuito Short circuit current, ISC (A)		9.14	9.19	9.26	9.32
COEFICIENTES DE TEMPERATURA		TEMPERATURE COEFFICIENTS			
Coeficiente de temp. Temp. Coefficient (P _{MAX})		-0.37%/°C			
Coeficiente de temp. Temp. Coefficient (ISC)		0.04%/°C			
Coeficiente 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 (445)

