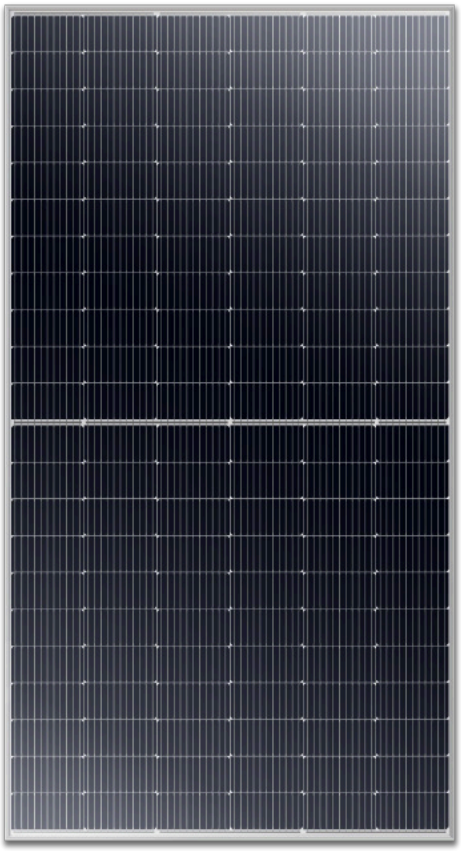
EX480-505M-132(HC)(182)

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.

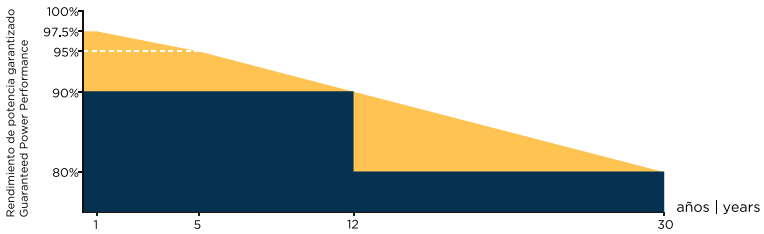


DATOS MECÁNICOS MECHANICAL DATA	CONDICIONES DE TRABAJO WORKING CONDITIONS
Dimensiones | Dimensions: 2094*1134mm	Temperature Cycling Range: -40~+85ºC
Weight: 26.3 kg	Max. Series Fuse Rating: 25A
Cable | Cable: Customizable: 4.0mm²	Mechanical Load: Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Solar Cell: Mono crystalline 182mm	Connector: MC4 Compatible
No. of Cells & Connections: 132	Junction box: IP68
Frame: Anodized aluminum alloy	
Front Glass: AR Coated 3.2 mm tempered glass	

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal
Garantía de rendimiento estandar

Lineal performance waranty
Standard performance warranty



CERTIFIED IEC 61730 Ed.1
CERTIFIED IEC 61215 Ed.2
Anti-PID
System voltage durability
PPP 56042
MCS
INMETRO

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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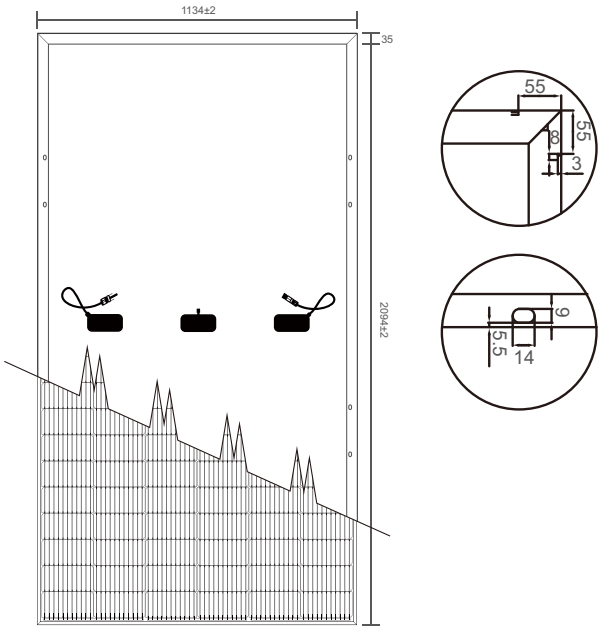
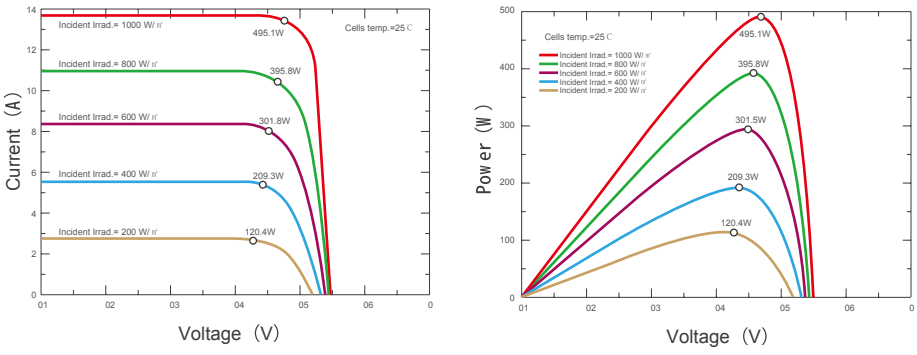


TIPO TYPE	EX480M-132	EX485M-132	EX490M-132	EX495M-132	EX500M-132	EX5005M-132
STC 1000 W/M2. Module Temperature 25ºC A.M.1,5						
Potencia de salida | Power output	480	485	490	495	500	505
Max. pot. tolerada | Max. power tolerance(%)			0-+5			
Eficiencia módulo | Module efficiency(%)	20.2	20.4	20.6	20.8	21.1	21.3
Voltage | Máximo voltage, VMP(V)	45.07	45.20	45.33	45.46	45.59	45.72
T. máxima actual | Current, IMP(A)	13.65	13.72	13.79	13.86	13.93	14.00
T. circ. abierto | Voltage open circuit, VOC(V)	37.62	37.81	37.99	38.17	38.35	38.53
Cor. cortocircuito | Short circuit current, ISC(A)	12.76	12.83	12.90	12.97	13.04	13.11
NOCT 800W/M2 Environment. Temperature 20ºC A.M. 1,5						
Potencia de salida | Power output	363	367	370	374	378	382
Voltage | Máximo voltage, VMP(V)	42.15	42.30	42.43	42.58	42.72	42.86
Tensión máxima actual | Current, IMP(A)	10.99	11.06	11.13	11.20	11.27	11.34
T. circ. abierto | Voltage open circuit, VOC(V)	35.54	35.67	35.76	35.84	35.93	36.02
Cor. cortocircuito | Short circuit current, ISC(A)	10.21	10.28	10.36	10.44	10.52	10.60
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS						
Coeficiente de temp. | Temp. Coefficient (PMAX)			-0.350%/ºC			
Coeficiente de temp. | Temp. Coefficient (ISC)			0.0445%/ºC			
Coeficiente de temp. | Temp. Coefficient (VOC)			-0.275%/ºC			
NOCT			45±2ºC			

I-V CURVAS CURVES

I-V Curve at different irradiation (EX505M-132HC)



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