

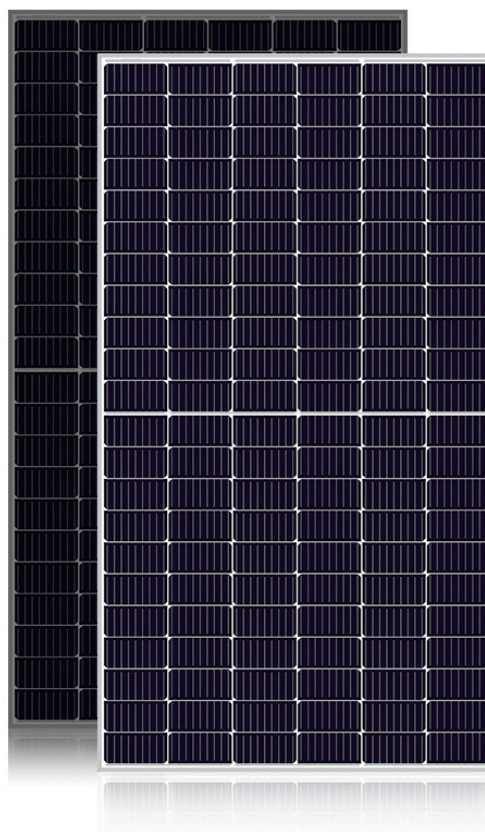


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.



1 **Bloomberg**
TIER NEW ENERGY FINANCE

DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones | Dimensions: 2094*1134mm

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

Peso | Weight: 26.3 kg

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

Cable: 4.0 mm²

Carga mecánica | Mechanical load: 5400 Pa

Cristal | Glass: AR Coated 3.2 mm tempered glass

Aplicación clase | Application class: A


Caja de conexiones | Junction box: IP68


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

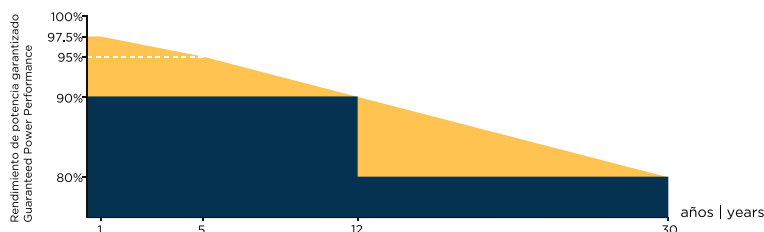
Celdas solares | Solar Cells: 132 Mono crystalline 182mm

Conector | Connector: MC4 Compatible

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



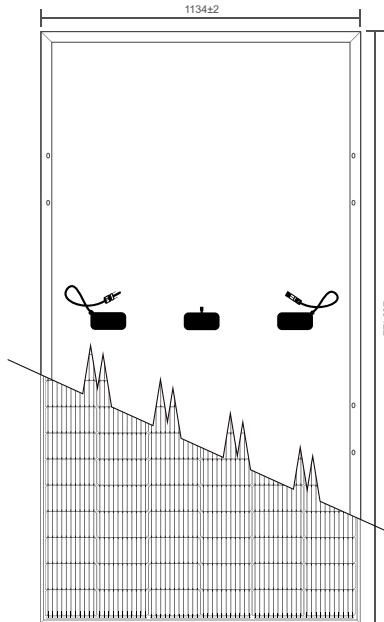
Anti-PID
System voltage durability
PPP 56042



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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EX485-505M(B)-132(HC)(182)



TIPO TYPE	EX485M(B)-132	EX490M(B)-132	EX495M(B)-132	EX500M(B)-132	EX505M(B)-132
STC 1000 W/M2. Module Temperature 25°C A.M.1.5					
Potencia de salida Power output	485	490	495	500	505
Max. potencia tolerada Max. power tolerance (%)	(0, +5)				
Eficiencia módulo Module efficiency (%)	20.4	20.6	20.8	21.1	21.3
Voltage Máximo voltage, VMP (V)	37.81	37.99	38.17	38.35	38.53
Intensidad máxima actual Current, IMP (A)	12.83	12.90	12.97	13.04	13.11
Voltaje circ. abierto Voltage open circuit, VOC (V)	45.20	45.33	45.46	45.59	45.72
Intensidad de cortocircuito Short circuit current, ISC (A)	13.72	13.79	13.86	13.93	14.00
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1.5					
Potencia de salida Power output	376	370	374	378	382
Voltage Máximo voltage, VMP (V)	35.67	35.76	35.84	35.93	36.02
Intensidad máxima actual Current, IMP (A)	10.28	10.36	10.44	10.52	10.60
Voltaje circ. abierto Voltage open circuit, VOC (V)	42.30	42.43	42.58	42.72	42.86
Intensidad de cortocircuito Short circuit current, ISC (A)	11.06	11.13	11.20	11.27	11.34
COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS					
Coeficiente de temp. Temp. Coefficient (P _{MAX})	-0.350%/°C				
Coeficiente de temp. Temp. Coefficient (ISC)	0.0445%/°C				
Coeficiente de temp. Temp. Coefficient (VOC)	-0.275%/°C				
NOCT	45±2°C				

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & power Voltage Curve (505)

