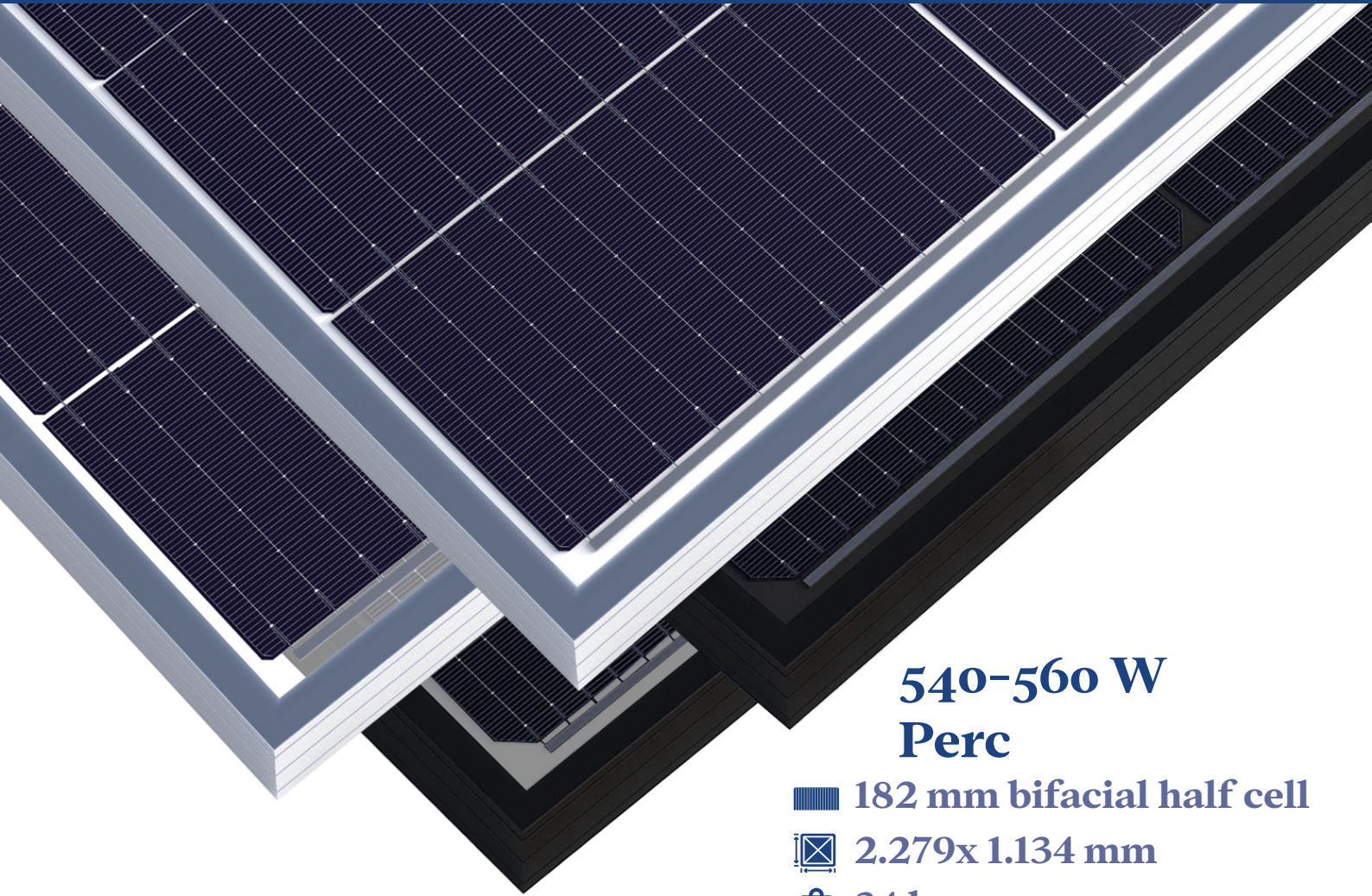





exiom

EX540-560M(B)-144(HC)(182)BF



540-560 W Perc

-  182 mm bifacial half cell
-  2.279x 1.134 mm
-  34 kg

DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones | Dimensions: 2279 *1134mm

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

Peso | Weight: 34 kg

Max Series Fuse Rating: 25A

Cable: 4 mm², +300,-300mm / ±300m.
Length can be customized

Glass | Cristal: Front: 2.00mm coated ultra clear glass
Back: 2.00mm heat-strengthened glass

Celdas | Cells : 182*91 Mono - 144 (6x24)

Caja conexiones | Junction box: IP68

Marco | Frame: Aluminum Alloy

Clase de seguridad | Safety Class: Class A

Carga viento y nieve | Wind-Snow Load: 200pa/5400pa

Bifacialidad Potencia | Power Bifaciality: 70±5%

Connector | Conector: MC4 compatible

Warranty | Garantía

25

Years | Años
Product
Producto

30

Years | Años
Linear power
Rendimiento lineal

1
TIER

Bloomberg

NEW ENERGY FINANCE

CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2

 Anti-PID
System voltage durability
PPP 56042

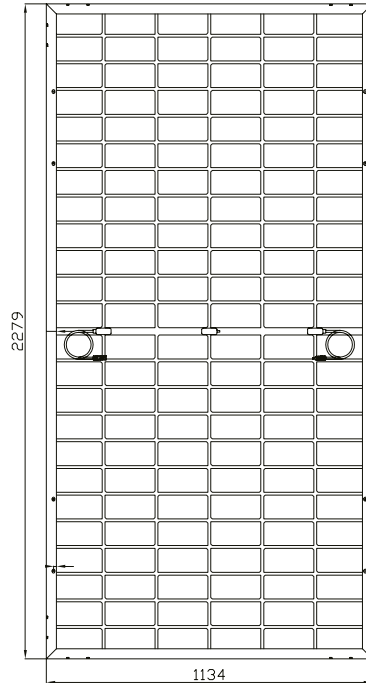
 MCS

 CE

 INMETRO

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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.



TIPO TYPE	EX540MB-182BF		EX545MB-182BF		EX550MB-182BF		EX555MB-182BF		EX560MB-182BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Power output	540	408	545	412	550	426	555	420	560	424
Voltaje circ. abierto Voltage open circuit, VOC (V)	49.40	46.68	49.60	46.92	49.80	47.17	50.00	47.44	50.20	47.71
Intensidad cortocircuito Short circuit current, ISC (A)	13.87	11.10	13.93	11.14	13.99	11.19	14.05	11.24	14.11	11.29
Voltaje máximo Max. voltage, VMP (V)	41.20	38.90	41.40	39.10	41.60	39.30	41.80	39.53	42.00	39.76
Intensidad máxima actual Current, IMP (A)	13.11	10.49	13.17	10.54	13.23	10.58	13.28	10.62	13.33	10.66
Modulo eficiencia Module Efficiency (%)	20.90		21.09		21.28		21.48		21.67	
Max. potencia tolerada Max. power tolerance (%)	(0,+5)									
Max. system Voltage (V)	1.500Vdc (IEC/UL)									
Maximum Series Fuse Rating (A)	25A									

STC 1000 W/M2. Module Temperature 25°C A.M.1,5 | NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS	BIFACIAL SALIDA BIFACIAL OUTPUT REAR SIDE POWER GAIN						
Coefficiente de temp. Temp. Coefficient (Pmax)	-0.353%/°C	Maximum Power- Pmax (W)	591	597	602	608	613
Coefficiente de temp. Temp. Coefficient (ISC)	0.048%/°C	Open Circuit Voltage - Voc (V)	41.20	41.40	41.60	41.80	42.00
Coefficiente de temp. Temp. Coefficient (VOC)	-0.28%/°C	Short- Circuit Current - Isc (A)	14.35	14.41	14.48	14.54	14.60
Nominal Operating Cell Temp. (NOCT)	45°C (±2°C)	Voltage at Pmax -Vmp (V)	49.40	49.60	49.80	50.00	50.20
Operating Temperature	-40~+85°C	Current at Pmax - Imp (A)	14.96	15.04	15.12	15.19	15.27

I-V CURVAS CURVES

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

