

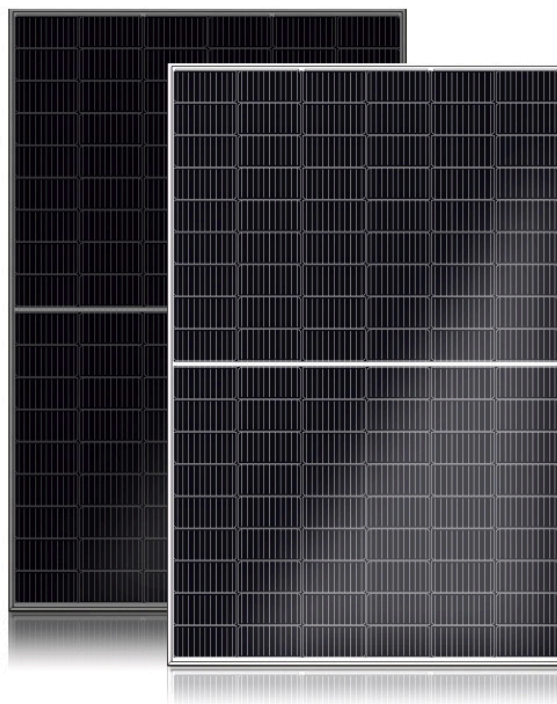


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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.*

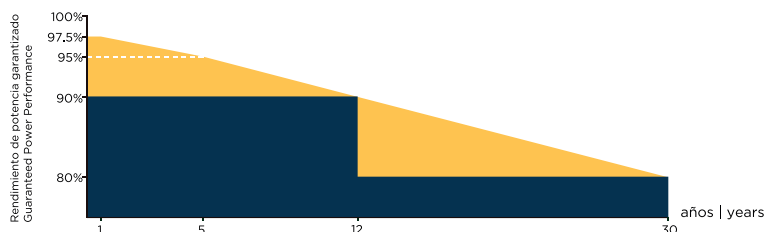


#### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensiones   Dimensions: 1722*1134	Max. Voltaje   Max. system Voltage (V): 1500Vdc (IEC / UL)
Peso   Weight: 21.5 kg	No máximo. de series   Max. Series Fuse Rating (A): 25A
Cable: 4.0mm <sup>2</sup> , 1200mm (+), 1200mm (-), length can be customized	Carga mecánica   Mechanical load: Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Cristal   Glass: AR Coated 3.2 mm tempered glass	Marco   Frame: Anodized aluminum alloy
Caja de conexiones   Junction box: IP68	Temp. funcionamiento   Operating temperature: -40-+85
Conector   Connector: MC4 Compatible	Celdas solares   Solar Cells: Mono crystalline 182mm (2x54pcs)

#### 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



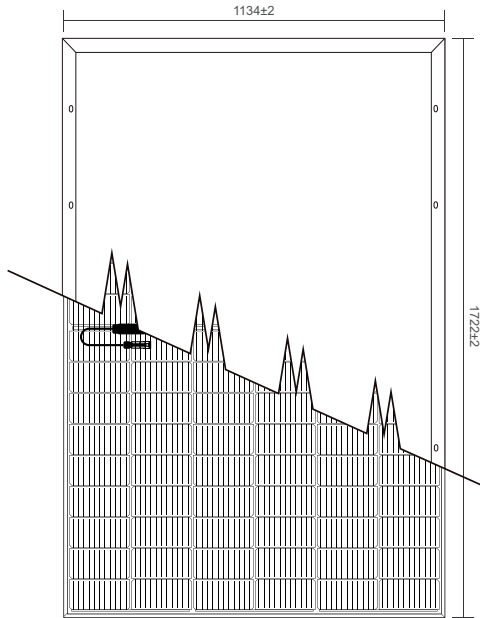
Anti-PID  
System voltage durability  
PPP 56042



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.

**HEAD OFFICE:** C/ SAN FRANCISCO, 5 - 5. 33003. OVIEDO  
**PHONE:** +34 984 033 709 [WWW.EXIOMSOLUTION.COM](http://WWW.EXIOMSOLUTION.COM)

# EX390-415M(B)-108(HC)(182)



TIPO TYPE	EX390(108)182	EX395(108)182	EX400(108)182	EX405(108)182	EX410(108)182	EX415(108)182
STC 1000 W/M2. Module Temperature 25°C A.M.1,5						
Potencia de salida   Power output	390	395	400	405	410	415
Max. potencia tolerada   Max. power tolerance (%)	(0, +5)					
Eficiencia módulo   Module efficiency (%)	20.0	20.2	20.5	20.8	21.0	21.3
Voltaje máximo   Max. voltage, VMP (V)	30.46	30.84	31.01	31.21	31.45	31.61
Intensidad máxima actual   Current, IMP (A)	12.73	12.81	12.90	12.98	13.04	13.13
Voltaje circ. abierto   Voltage open circuit, VOC (V)	36.85	36.98	37.07	37.23	37.32	37.45
Intensidad de cortocircuito   Short circuit current, ISC (A)	13.61	13.70	13.79	13.87	13.95	14.02
NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5						
Potencia de salida   Power output	294	298	302	306	310	314
Voltaje máximo   Max. voltage, VMP (V)	28.87	29.08	29.26	29.47	29.72	29.89
Intensidad máxima actual   Current, IMP (A)	10.18	10.25	10.32	10.38	10.43	10.50
Voltaje circ. abierto   Voltage open circuit, VOC (V)	34.62	34.75	34.88	35.12	35.23	35.37
Intensidad de cortocircuito   Short circuit current, ISC (A)	10.89	10.96	11.03	11.10	11.16	11.22
<b>COEFICIENTES DE TEMPERATURA   TEMPERATURE COEFFICIENTS</b>						
Coeficiente de temp.   Temp. Coefficient (PMAX)	-0.350%/°C					
Coeficiente de temp.   Temp. Coefficient (ISC)	0.045%/°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 (405)

