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EnergyPal

Solar Panel Guide Specification Data Sheet

**Exiom Solution S.A.
EX-260-280 M(B)-96
EX280M-96**

Also available on the web at
EnergyPal.com/exiom-solution-s-a-solar-panels/ex280m-96



EXIOM SOLUTION SA was created by a group of professionals with an extensive experience in renewable energies who have worked in various areas within this sector.

We can advise you about any problems that may arise in the distribution of materials or in the design and operation of power plants. EXIOM SOLUTION SA seek to become a world leader in turnkey solutions for our clients.

EXIOM SOLUTION S.A. nace de la unión de un grupo de profesionales con amplia experiencia en energías renovables que han trabajado en distintos ámbitos dentro de este sector.

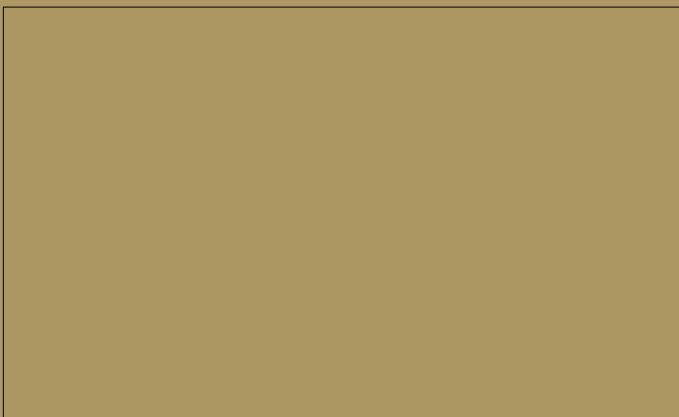
Le asesoremos a cerca de cualquier problema que pueda surgir tanto en la distribución de materiales como en el diseño y funcionamiento de las plantas. En EXIOM SOLUTION S.A buscamos convertirnos en un referente mundial de soluciones llave en mano para nuestros clientes.

EX260M(B)-96

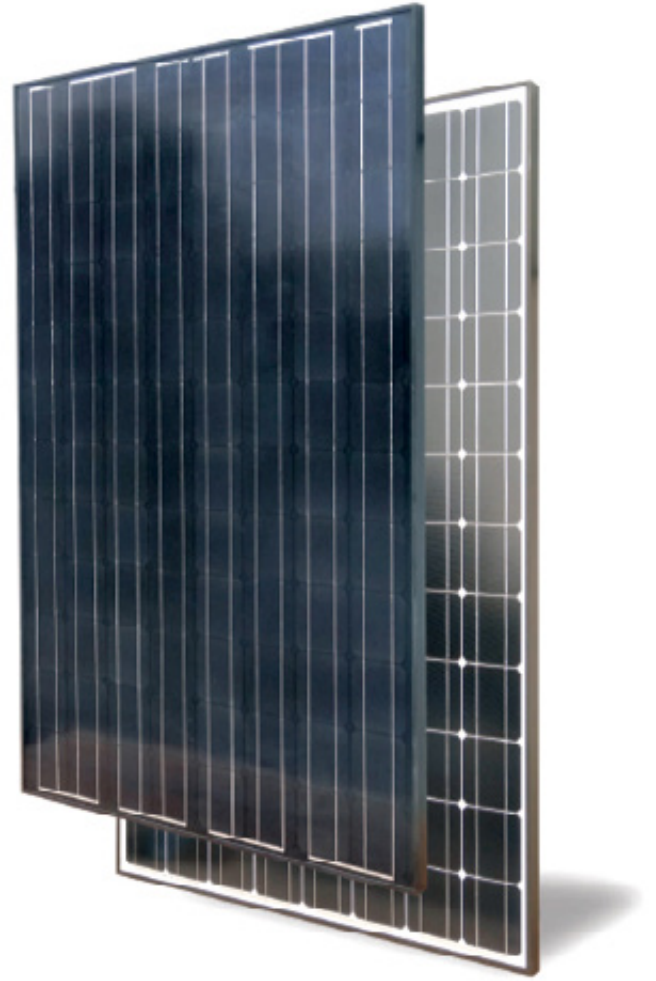
MONOCRYSTALLINE | MONOCRISTALINO

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.

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.



Contact info | Información de contacto



MECHANICAL DATA | DATOS MECÁNICOS

Dimensions | Dimensiones: 1580*1069*45

Weight | Peso (kg): 20.5

Cable | Cable: TUV Certified 4mm²

Glass | Cristal: High transmission glass 3.2mm

Junction Box | Caja de conexiones: 3 Bypass-Diode

WORKING CONDITIONS | CONDICIONES DE TRABAJO

Max. System Voltage | Max. Voltaje Sistema: 1.000 V

Series Fuse Rating | Fusible en serie: 10 A

Mechanical Load | Carga mecánica: ≥ 5.400 Pa

Operating Temperature | Temp. funcionamiento: -40~+85

Application class | Aplicación clase: A

WARRANTIES | GARANTÍA

10 years product warranty | 10 años de garantía de producto

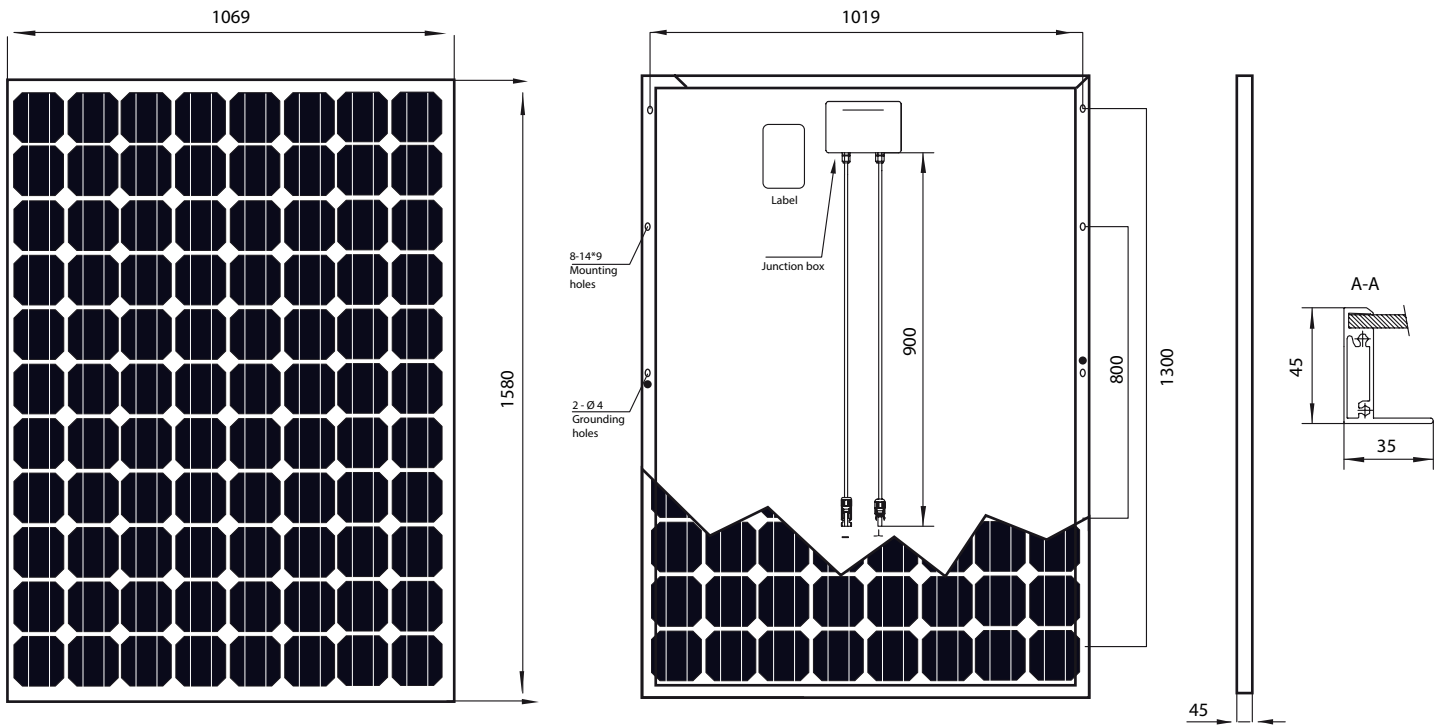
12 years 90% Power output | 12 años al 90% de producción

25 years 80% Power output | 25 años al 80% de producción

www.exiomsolution.com

EX260M(B)-96 - Monocrystalline | Monocristalino

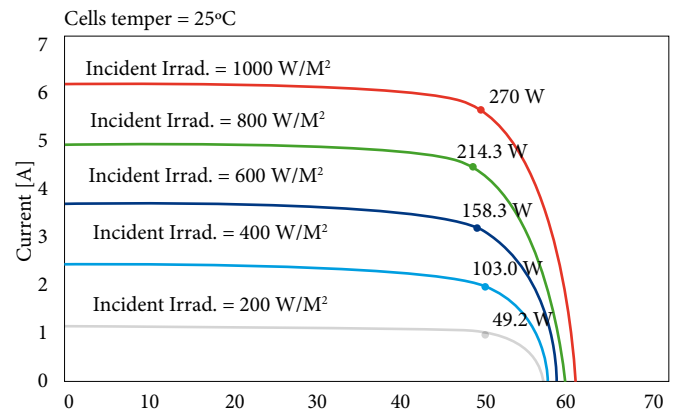
| TYPO TIPO | EX255M-96 | EX260M-96 | EX265M-96 | EX270M-96 | EX275M-96 | EX280M-96 | |
|---|---|-----------|-----------|-----------|-----------|-----------|-------|
| Power Output | 255 | 260 | 265 | 270 | 275 | 280 | |
| Max. Power Tolerance Tolerancia potencia máxima (%) | +5 | | | | | | |
| STC 1000 W/M ² Module Temperature 25°C A.M.1,5 | Module Efficiency Eficiencia Módulo (%) | 15.1 | 15.3 | 15.7 | 16.0 | 16.3 | 16.6 |
| | Voltage Máximo voltage, VMP (V) | 48.7 | 49.0 | 49.3 | 49.5 | 49.7 | 50.4 |
| | Current Tensión máxima actual, IMP (A) | 5.23 | 5.31 | 5.38 | 5.45 | 5.53 | 5.56 |
| | Voltage Open Circuit Tensión de circuito abierto, VOC (V) | 60.5 | 60.7 | 60.8 | 61.0 | 61.2 | 61.6 |
| | Short Circuit Current Corriente de cortocircuito, ISC (A) | 5.65 | 5.69 | 5.75 | 5.85 | 5.87 | 5.91 |
| NOCT 800W/M ² Environment Temperature 20°C A.M. 1,5 | Power Output | 193.02 | 196.8 | 200.6 | 204.4 | 208.2 | 211.9 |
| | Voltage Máximo voltage, VMP (V) | 43.63 | 43.9 | 44.1 | 44.4 | 44.6 | 45.1 |
| | Current Tensión máxima actual, IMP (A) | 4.41 | 4.49 | 4.55 | 4.60 | 4.67 | 4.70 |
| | Voltage Open Circuit Tensión de circuito abierto, VOC (V) | 55.22 | 55.4 | 55.6 | 55.7 | 55.9 | 56.2 |
| | Short Circuit Current Corriente de cortocircuito, ISC (A) | 4.81 | 4.84 | 4.89 | 4.96 | 5.00 | 5.03 |



TEMP. COEFFICIENTS | COEFICIENTES DE TEMPERATURA

| | |
|---|-------------|
| Temp. Coefficient of P _{MAX} Coeficiente de temp. P _{MAX} : | -0.445%/°C |
| Temp. Coefficient of I _{SC} Coeficiente de temp. I _{SC} : | 0.050 %/°C |
| Temp. Coefficient of V _{OC} Coeficiente de temp. V _{OC} : | -0.334 %/°C |
| NOCT: | 45 ± 2°C |

I-V CURVES



CERTIFICATES | CERTIFICADOS

