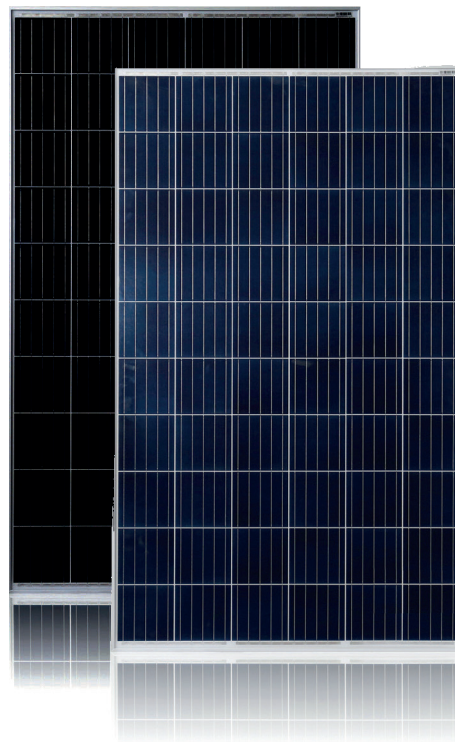




Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar. La alta eficiencia de nuestras células solares nos permite producir diferentes tipos de paneles para a su vez dar la mayor eficiencia posible a sus instalaciones.

*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

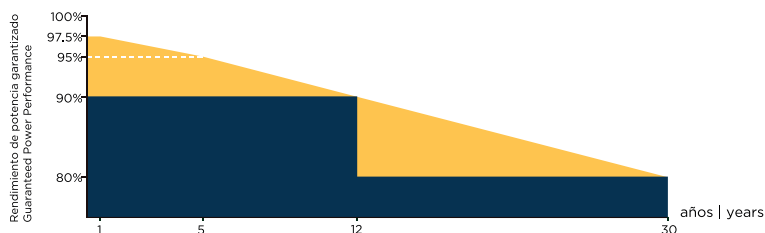
#### CONDICIONES DE TRABAJO WORKING CONDITIONS

|   |   |
|---|---|
| 📏 Dimensiones   Dimensions: 1640*992                | ⚡ Max. voltaje sistema   Max. system voltage: 1.000 V or 1500 V |
| 📖 Peso   Weight: 18.5 kg                            | 🔌 Fusible en serie   Series fuse rating: 15 A                   |
| 🔌 Cable   Cable: TUV certified 4 mm <sup>2</sup>    | 🏠 Carga mecánica   Mechanical load: $\geq 5.400$ Pa             |
| 🏠 Cristal   Glass: High transmission glass 3.2 mm   | 🌡️ Temp. funcionamiento   Operating temperature: -40-+85        |
| 🔌 Caja de conexiones   Junction box: 6 Bypass-Diode | 🏠 Aplicación clase   Application class: A                       |

#### GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY

Garantía de rendimiento lineal  
Garantía de rendimiento estandar

Linear performance warranty  
Standard performance warranty



CERTIFIED  
**IEC**  
61730 Ed.1

CERTIFIED  
**IEC**  
61215 Ed.2



Anti-PID  
System voltage durability  
PPP 56042

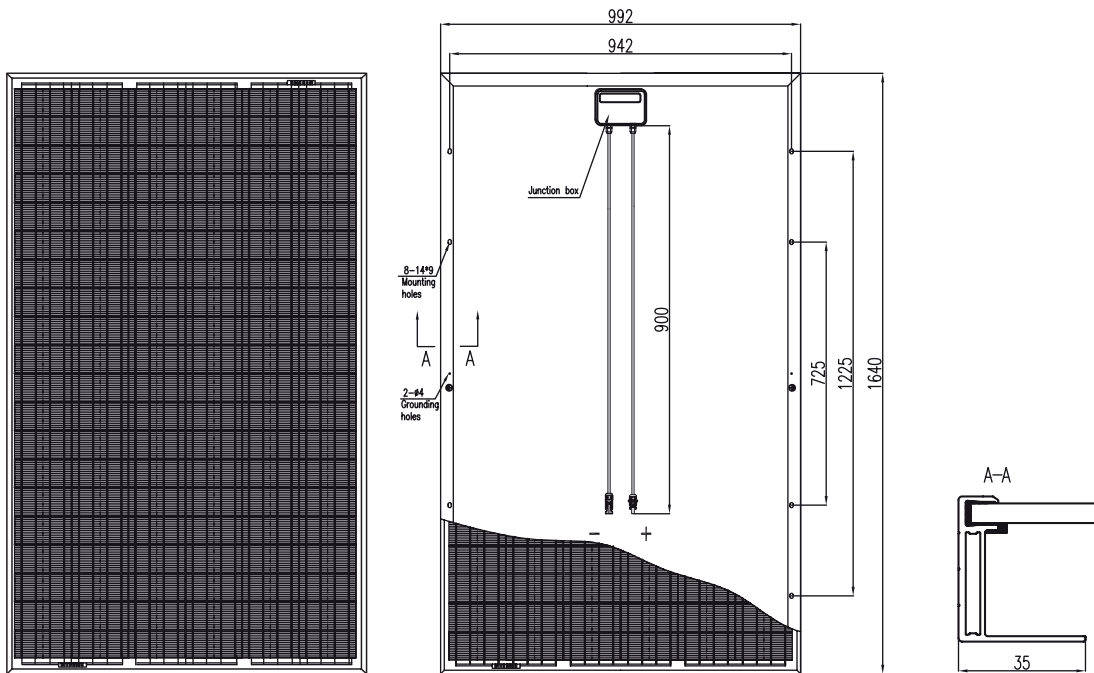


Especificaciones sujetas a cambios técnicos y pruebas. Exiom Solution se reserva el derecho de la correcta interpretación final.  
Specifications subject to technical changes and tests. Exiom Solution reserves the right of final interpretation.



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# EX270P(B)-60



| TIPO TYPE   | EX270P-60 | EX275P-60 | EX280P-60 | EX285P-60 |
|---|-----------|-----------|-----------|-----------|
| STC 1000 W/M2. Module Temperature 25°C A.M.1,5              |           |           |           |           |
| Potencia de salida   Power output                           | 270       | 275       | 280       | 285       |
| Max. potencia tolerada   Max. power tolerance (%)           | +5        |           |           |           |
| Eficiencia módulo   Module efficiency (%)                   | 16.5      | 16.8      | 17.1      | 17.4      |
| Voltage   Máximo voltage, VMP (V)                           | 30.9      | 31.1      | 31.4      | 31.6      |
| Intensidad máxima potencia   Current, IMP (A)               | 8.73      | 8.84      | 8.92      | 9.02      |
| Tensión circ. abierto   Voltage open circuit, VOC (V)       | 37.9      | 38.1      | 38.2      | 38.3      |
| Corriente de cortocircuito   Short circuit current, ISC (A) | 9.22      | 9.32      | 9.40      | 9.49      |
| NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5         |           |           |           |           |
| Potencia de salida   Power output                           | 200       | 204       | 208       | 211       |
| Voltage   Máximo voltage, VMP (V)                           | 28.6      | 28.8      | 29.0      | 29.2      |
| Intensidad máxima potencia   Current, IMP (A)               | 7.00      | 7.09      | 7.15      | 7.23      |
| Tensión circ. abierto   Voltage open circuit, VOC (V)       | 35.1      | 35.3      | 35.4      | 35.5      |
| Corriente de cortocircuito   Short circuit current, ISC (A) | 7.44      | 7.52      | 7.59      | 7.66      |

| COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS          |           |
|---|-----------|
| Coefficiente de temp.   Temp. Coefficient (P <sub>MAX</sub> ) | -0.41%/°C |
| Coefficiente de temp.   Temp. Coefficient (ISC)               | 0.05%/°C  |
| Coefficiente de temp.   Temp. Coefficient (VOC)               | -0.32%/°C |
| NOCT  | 42±2°C    |

## I-V CURVAS CURVES

Temperatura celda | Temperature cells: 25°C. Current-Voltage & power Voltage Curve (280)

