



- High performance monocrystalline silicon solar cell module
- Nominal output 170 Wp
- Solar module conversion efficiency 13.1%
- Dimensions: 1,575 x 826 x 46 mm
- Bypass diodes to minimise power loss with shading
- BSF structure (Black Surface Field) for optimising cell efficiency
- Textured cell surface for especially high current yields
- Made in Japan

Monocrystalline silicon photovoltaic module with 170 Wp nominal power

General

- Nominal Output (Wp): **170**
- Module Efficiency (%): **13,1**

Electrical Characteristics

- Open Circuit voltage Voc (V): **44,2**
- Short circuit current Isc (A): **5,3**
- Maximum power voltage Vpm (V): **35,0**
- Maximum power current Ipm (A): **4,86**
- System Voltage (V DC): **1000**

Mechanical data

- Cell size (mm)²: **125,55**
- No. of cells and connections: **72 in series**
- Dimensions (LxHxW) (mm): **826x1575x46**
- Weight (kg): **17**
- Maximum mechanical load (N/m²): **2400**

Thermal coefficients and characteristics

- α_{Pm} (%/°C): **-0,485**
- α_{Isc} (%/°C): **0,053**
- α_{Voc} (%/°C): **-156**
- Operating temperature (°C): **-40 up to +90**
- Storage temperature (°C): **-40 up to +90**
- Storage air humidity (%): **up to 90**