

Photovoltaic panel that absorbs solar radiation and generates electrical energy



Main characteristics

- Maximum Power (MP): 10 Watts
- Tolerance: $\pm 3\%$
- Maximum Power Voltage (V_m): 19.0 Volts
- Maximum Power Current (I_m): 0.53 Amps
- Open Circuit Voltage (V_{oc}): 22.5 Volts
- Short Circuit Current (I_{sc}): 0.60 Amps
- Maximum System Voltage: 1000 Volts
- Panel Efficiency: 11.34
- Power Temperature Coefficient (MP): $-0,423\% / ^\circ C$
- Current Temperature Coefficient (I_{sc}): $0.039\% / ^\circ C$
- Voltage Temperature Coefficient (V_{oc}): $-0,307\% / ^\circ C$
- Nominal Cell Operating Temperature (TNOC/NOCT): $45\pm 2\ ^\circ C$

Applications

- Lighting and signage systems
- Safety and monitoring
- Emergency systems
- Telecommunications systems

Technical specifications

- 3.2 mm tempered glass, high transmissivity and low iron
- Panel with 36 polycrystalline silicon photovoltaic cells
- Waterproof rating (protected against dust and jets of water)
- Module weight: 1.34 kg
- Dimensions: 245 x 375 x 25 mm

Product image

