

# Mono & Poly Solar Panel Series



## IoT Solar Panel

This 2.5W 6V IoT solar panel is made with high performance polycrystalline solar cells. It is tempered glass laminated, making it durable and robust. This panel is waterproof, scratch resistant, and UV resistant, specially designed for ten plus years of typical outdoor use in any challenging condition.

### Product Description

3.2mm tempered glass on the surface for long lifespan  
Good stability in power output  
Solar Modules are for remote transmitters and off-grid battery charging  
Popular choice for integrated applications  
Salt Mist Corrosion Resistance, Suitable for Seaside Environment

### Specifications

Item no.: BS-MP02  
Dimensions: 140 x 160 x 15mm  
Type of solar cell: High efficiency blue polycrystalline solar cells  
Quantities of solar cell: 12 pieces  
Peak power: 2.5 watt  
Power tolerance:  $\pm 5\%$   
Peak voltage: 6 volts  
Peak current: 416 mA  
Open-circuit voltage: 7.2 volts  
Short-circuit current: 457 mA  
Product warranty: 3 years  
Delivery time: 25 days  
Storage temperature:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$   
Working temperature:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
Test conditions: 1000watt/m<sup>2</sup>, 1.5AM and 25°C