

# Small Sunpower Solar Panel Series



## 5V Solar Panel

This 5V solar panel is made with the highest efficiency Sunpower solar cells. Compared to a conventional panel, a SunPower solar panel produces 70% more energy over the first 25 years. It is ETFE laminated, which is lightweight and durable. This 5V solar panel is waterproof, scratch resistant, and UV resistant, and excellent performance at weak light condition.

### Product Description

- Super high efficiency Sunpower solar cell (around 22.8% efficiency)
- Sleek black profile and no grid lines on front of cell, absorb more sunlight
- Ultra pure silicon delivers optimal power conversion
- Anti-reflective coating produces more energy and compliments
- High transmittance ETFE film on solar panel top
- Solar cells have very good low-light performance

### Specifications

Item no.: BS-SP05

Dimensions: D=246mm x 2mm

Type of solar cell: Sunpower mono-crystalline silicon solar cell

Quantities of solar cell: 10 pieces

Peak power: 0.65 Watt

Power tolerance:  $\pm 5\%$

Peak voltage: 5 Volt

Peak current: 130 mA

Open-circuit voltage: 6 Volt

Short-circuit current: 145 mA

Product warranty: 3 years

Front side film: ETFE film

Back side: Double sided FR4 PCB

Delivery time: 20 days

Storage temperature:  $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Working temperature:  $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$

Test conditions: 1000watt/m<sup>2</sup>, 1.5AM, 25°C