# MC-SP5.0-GCS





### Features:

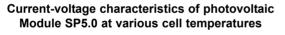
- High efficiency.
- High transparent low-iron, tempered glass.
- Unique techniques give the panel following features: aesthetic appearance, with stands high wind-pressure and snow load, and easy installation.
- Outstanding low-light performance.
- Nominal DC for standard output.
- Unique technology ensure that problems of water freezing and warping do not occur.
- Design to meet unique demand of customer.

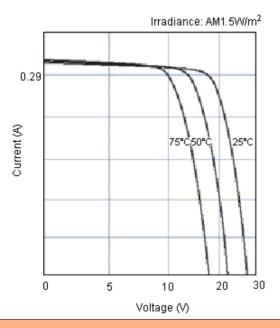
## **Quality Assurance:**

Realsun photovoltaic modules have passed the following tests. Thermal cycling test. Thermal shock test. Thermal/freezing and high humidity cycling test. Electrical isolation test. Hail impact test. Hail impact test. Mechanical, wind and twist loading test. Salt mist test. Light and water-exposure test. Field exposure test.

## **Electrical Characteristics:**

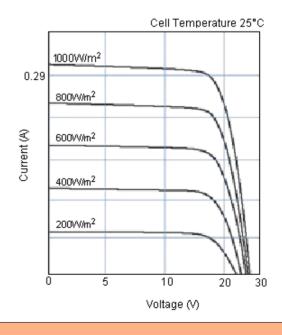
## I-V Curves





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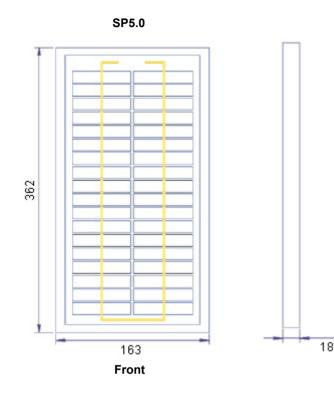
Current-voltage characteristics of photovoltaic Module SP5.0 at various irradiance levels

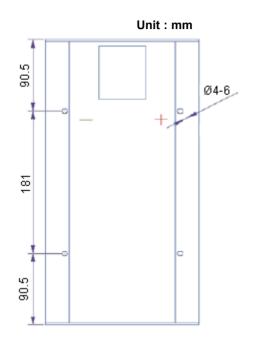




# MC-SP5.0-GCS

#### **Physical Specifications**





**Back View** 

**Dimensions : Millimetres** 

multicomp

## **Specifications:**

MONO or poly : Poly. Maximum power : 5Wp. Maximum power voltage Maximum power current : 0.29A. Open circuit voltage Short circuit current Size of module Weight : 0.78Kg. Package : 1pc/box. Maximum system voltage Temperature coefficients of Isc Temperature coefficients of Voc Temperature coefficients of Pm Temperature range Surface maximum load capacity Allowable hail load Length of cables Output tolerance : ±3%. Frame (material, corners, etc.) Warranty

- : 17.20V.
- : 21.40V.
- : 0.32A.
- : 362 x 163 x 18mm.

- : 720V dc.
- : 0.06%/K.
- : -0.36%/K.
- : -0.45%/K.
- : -40°C to +85°C.
- : 60ms (200kg/sq.m).
- : Steel ball fall down from 1m height.
- : Terminals.
- : Aluminium (epx 0.8w).
- : Free from defects in materials and workmanship for 5 years/10 years on 90% of the minimum power output/25 years on 80% of the minimum power output.

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#### **Part Number Table**

Description	Part Number
Solar Panel, 5W, 17.5V, 362 x 163 x 8mm	MC-SP5.0-GCS

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