



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

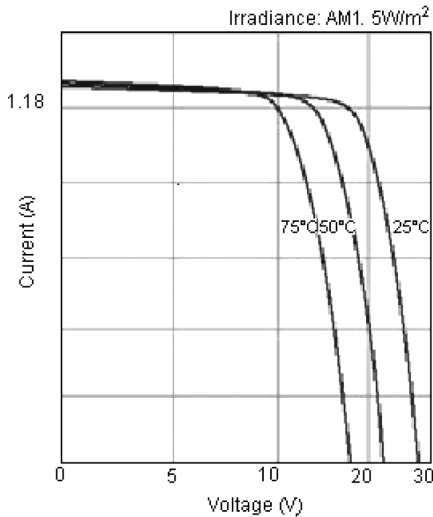
Specifications:

MONO or poly	: Poly
Maximum power	: 20Wp
Maximum power voltage	: 17V
Maximum power current	: 1.18A
Open circuit voltage	: 21.5V
Short circuit current	: 1.24A
Size of module	: 539 × 366 × 25mm
Weight	: 2.98kg
Package	: 1pc/box
Maximum system voltage	: 720V DC
Temperature coefficients of Isc	: 0.06%/K
Temperature coefficients of Voc	: -0.36%/K
Temperature coefficients of Pm	: -0.45%/K
Temperature range	: -40°C to +85°C
Surface maximum load capacity	: 60ms (200kg/sq.m)
Allowable hail load	: Steel ball fall down from 1m height
Length of cables	: Terminals
Output tolerance	: ±3%
Frame (material, corners, etc.)	: Aluminium (epx 0.8w)

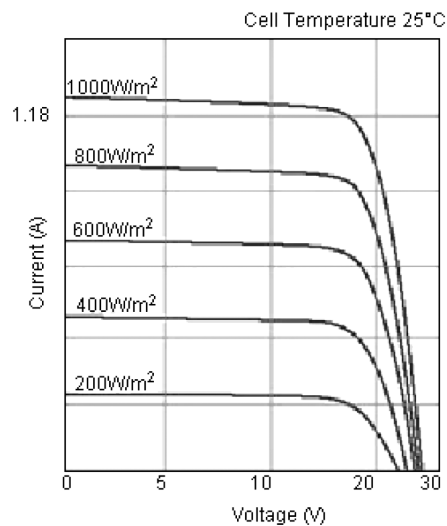
Electrical Characteristics:

I-V Curves

Current-voltage characteristics of photovoltaic Module SP20 at various cell temperatures

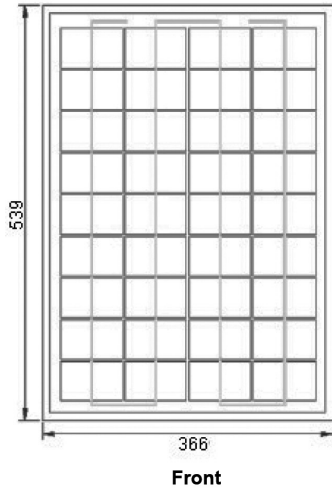


Current-voltage characteristics of photovoltaic Module SP20 at various irradiance levels

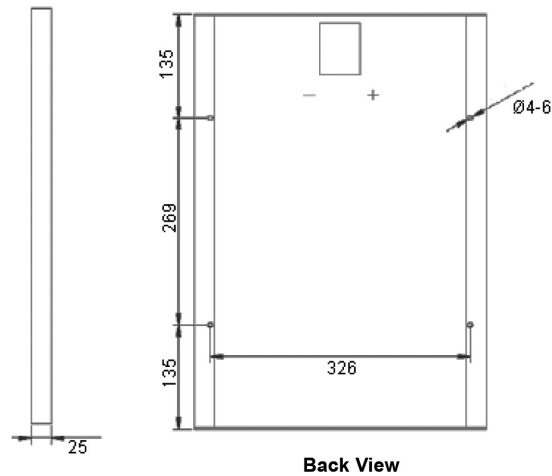


Physical Specifications

SP20



Front



Back View

Dimensions : Millimetres

Part Number Table

Description	Part Number
Solar Panel, 12W, 17.5V, 366 × 539 × 25mm	MC-SP20-GCS

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