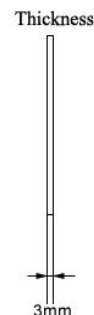
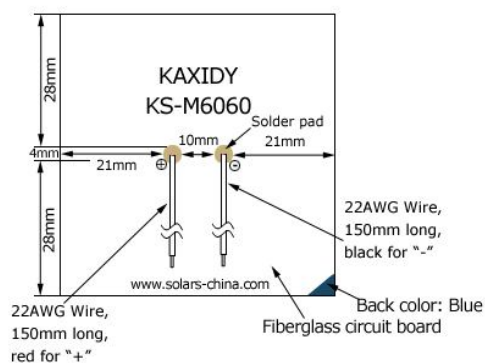
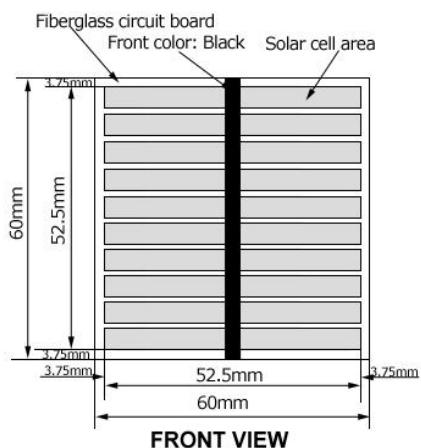


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## 5V 85mA Small Photovoltaic Solar Panel

Model No: KS-M6060V



### Electrical Characteristics

Cell Type	Monocrystalline silicon solar cell
Norminal Power	Pmax=0.43W
Open Circuit Voltage	Voc=6V
Short Circit Current	Isc=94mA
Voltage at Pmax	Vm=5V
Current at Pmax	Im=85mA
Standard Test Conditions(STC):Irradiance:1000W/m <sup>2</sup> , 25°C, AM 1.5 Power tolerance: ±3%	

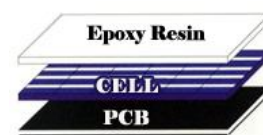
### Mechanical Specifications

Dimnsions(LxWxT) as above	60x60x3mm(±0.2mm)
Front Cover	Epoxy Resin/ Solar Cell
Back Cover	Fiberglass board
Efficiency	≥18%
Output Lead Wire	With solder wire,22AWG, 150mm long
Frame and Junciton Box	No
Weight	19.3g
Purpose	Used to charge any 3.2V rechargeable battery, or any 3.2V application.

### Temperature coefficient

NOCT	45°C±2°C
Temp.Coefficient of Isc	(0.045±0.01)%/°C
Temp.Coefficient of Voc	-(0.34±0.01)%/°C
Temp.Coefficient of Power	-(0.47±0.05)%/°C
NOCT: Nominal Operation Cell Temperature	

### Figure of Cell Structure



### Tested Operating Conditions

Operating Temperature	-40°C to 85°C
Storage Temperature	-20°C to 65°C
Using Condition: Outdoor under the sunlight without covering	

### Warning

- Cannot touch with anything strong cauterant
- Avoid scraping by something hard when using
- Cannot bend on delivery and installation

### Warranties

Power output more than 90% for 3 years
Work life: 3 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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