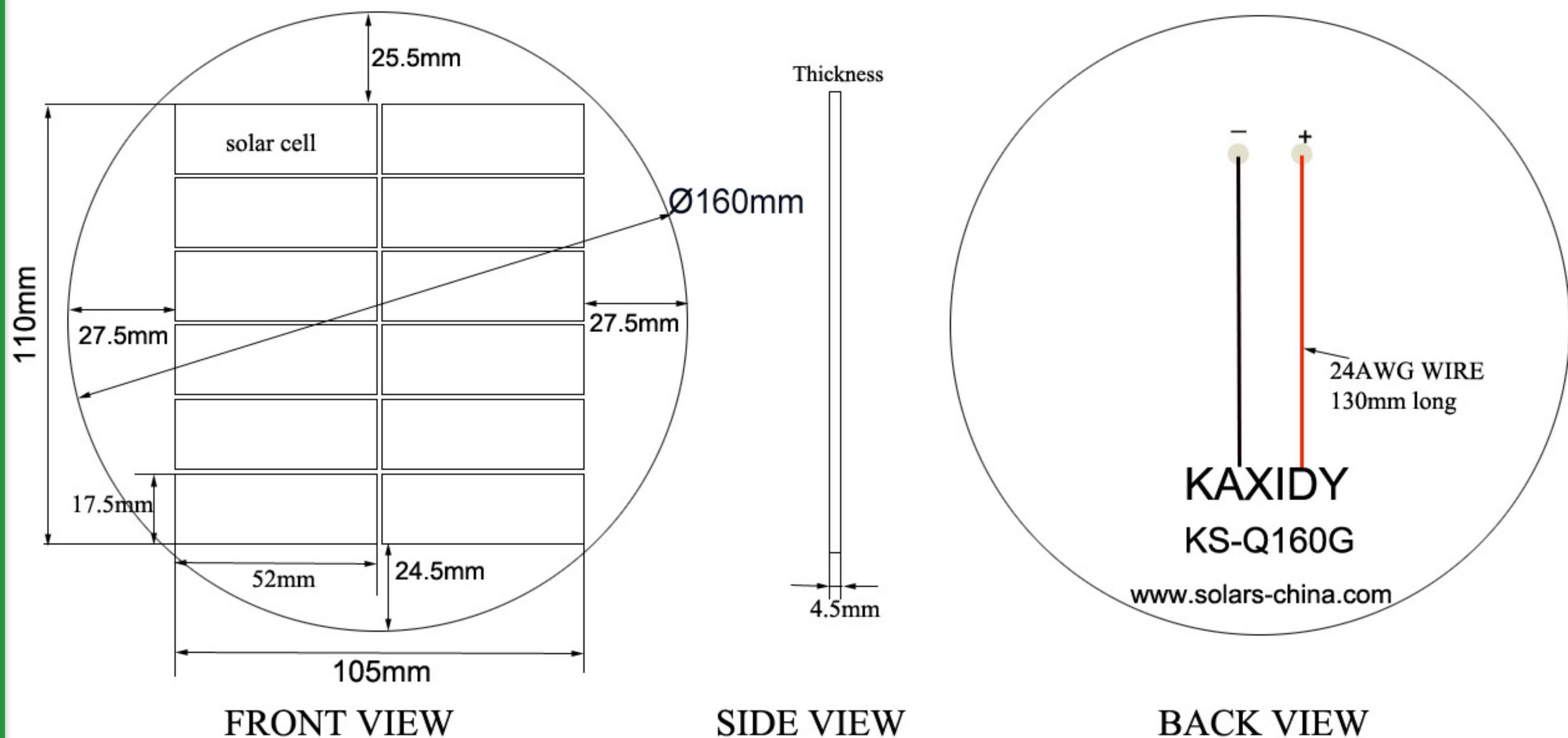


## 1.9W 6V SMALL CIRCULAR SOLAR PANEL



FRONT VIEW

SIDE VIEW

BACK VIEW

### ELECTRICAL CHARACTERISTICS

Power	1.9W		
Operating Voltage	6V	Open Circuit Voltage	7.2V
Operating Current	315mA	Short Circuit Current	343mA
Type of solar cell	Monocrystalline Silicon		
Power Tolerance	±5%		
STC: Irradiance 1000W/m <sup>2</sup> , Module temperature: 25°C, AM=1.5			

### TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT): 45°C±2°C	
Temp. Coefficient of I <sub>sc</sub>	(0.045±0.01)%/°C
Temp. Coefficient of V <sub>oc</sub>	-(0.34±0.01)/°C
Temp. Coefficient of Power	-(0.47±0.05)%/°C

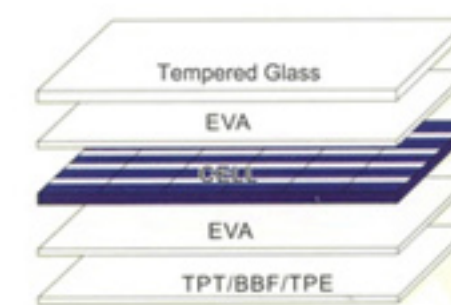
### TESTED OPERATING CONDITIONS

Max load	50psf 245kg/m <sup>2</sup> (2400)pascals
Hailstone impact	25mm(1inch) at 23m/s(52mph)
Operating Temperature	-40° C to + 85° C
Using Condition: Outdoor under the sunlight without covering	

### MECHANICAL SPECIFICATIONS

Dmensions	Ø160mm, thickness: 4.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without Frame
Output lead wire	24AWG Wire, 130mm long, red for "+", black for "-"
Efficiency: ≥18%	Dimensions Tolerance: ±0.2mm

### FIGURE OF STRUCTURE



### WARRANTIES

Power output more than 90% for 10 years  
Working life 10 years

### WARNING

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

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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