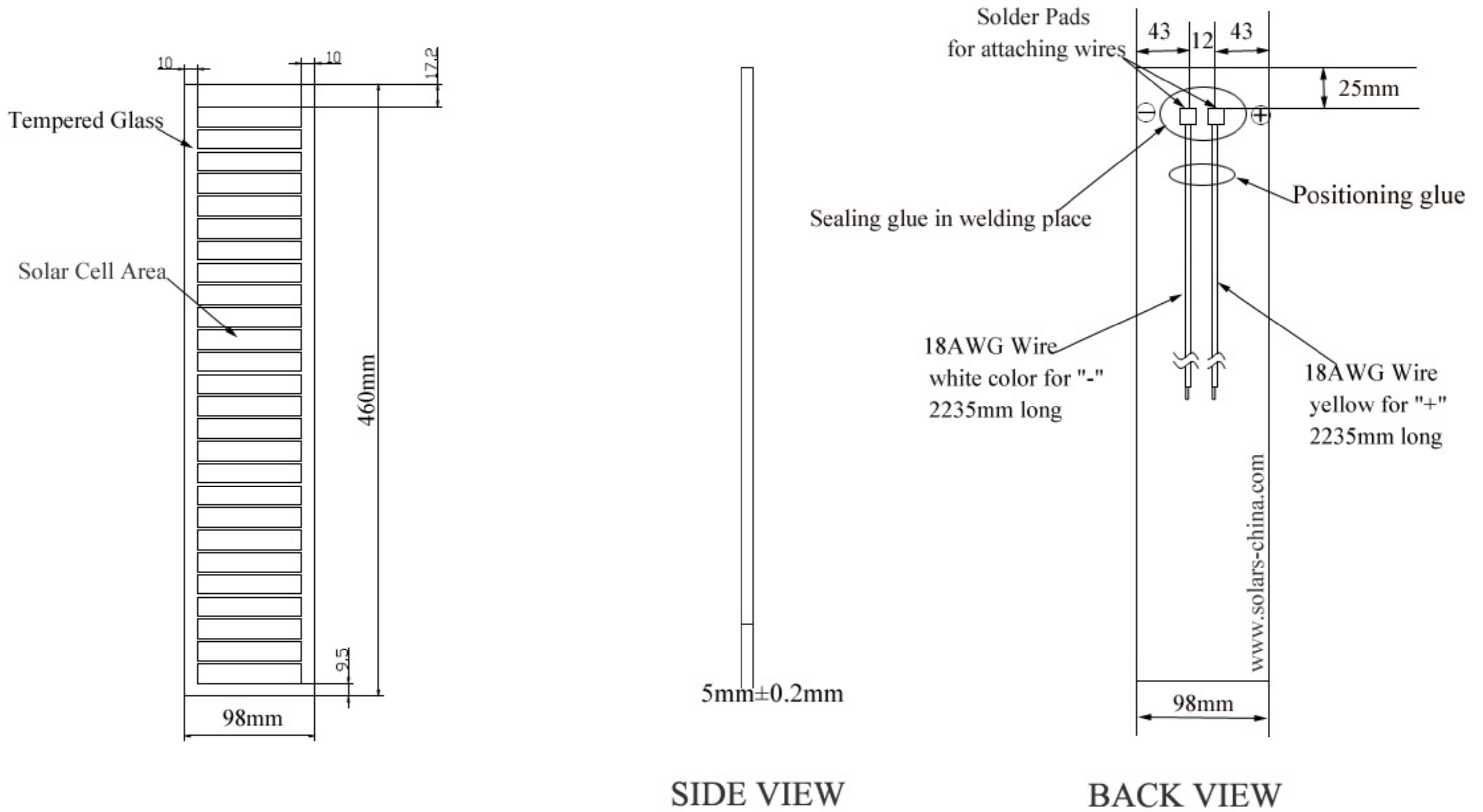


## 5W 13V OEM SOLAR CELL PANEL



ITEM NO: KS-M46098G

### ELECTRICAL CHARACTERISTICS

Power	5W		
Operating Voltage	13V	Open Circuit Voltage	15.6V
Operating Current	385mA	Short Circuit Current	415mA
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 Isc	(0.045 ± 0.01)%/°C
Temp. Coefficient of Voc	-(0.34 ± 0.01)%/°C
Temp. Coefficient of Power	-(0.47 ± 0.05)%/°C

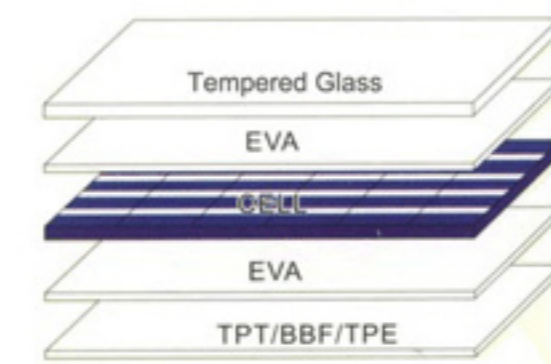
### TESTED OPERATING CONDITIONS

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

### MECHANICAL SPECIFICATIONS

Dmensions	460 × 98 × 5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame
Output lead wire	With 18AWG solder wire
Efficiency	≥18%

### FIGURE OF STRUCTURE



### WARRANTIES

Power output more than 90% for 10years  
Working life 15years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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