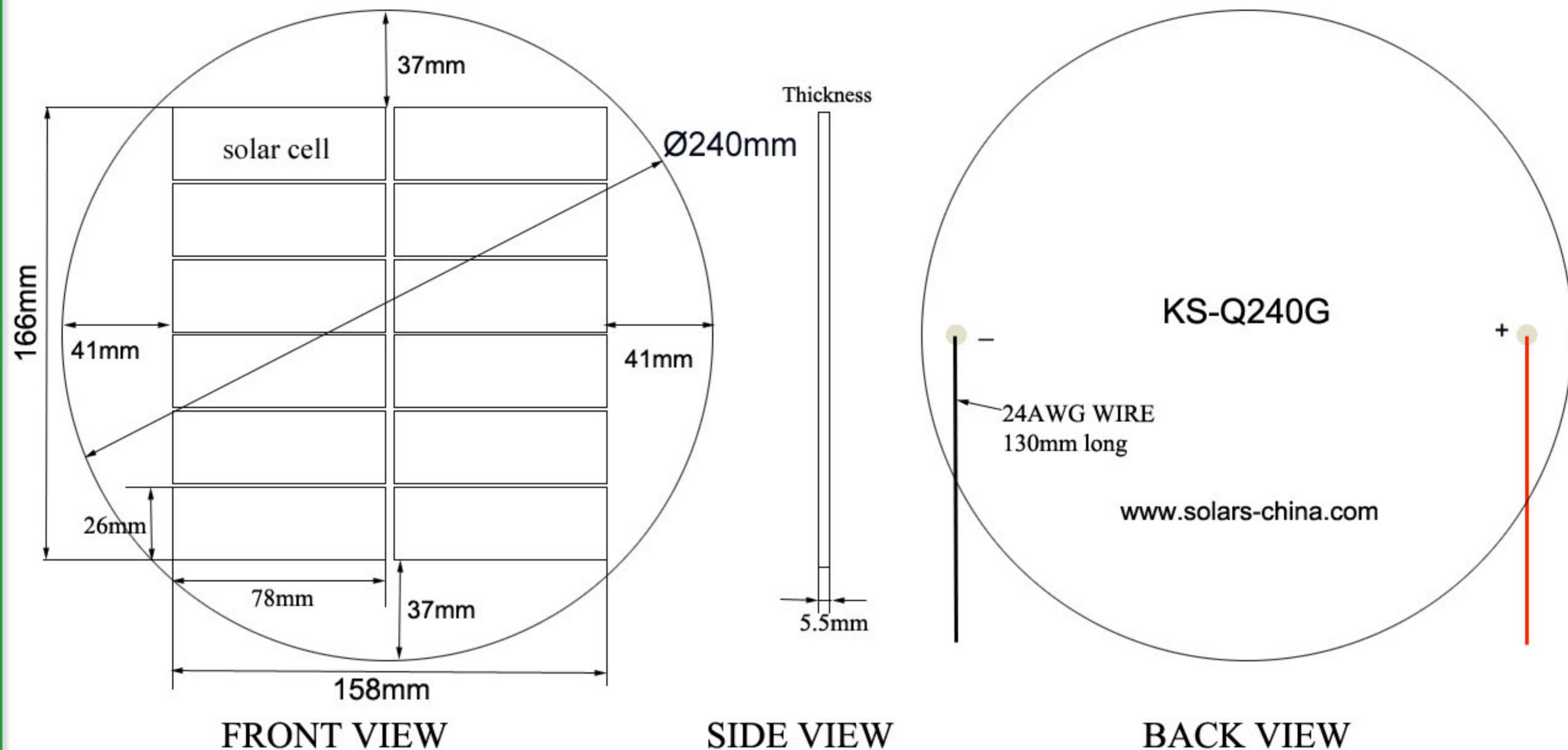


**SMALL SOLAR CELL PANEL**

ELECTRICAL CHARACTERISTICS		MECHANICAL SPECIFICATIONS	
Power	3.8W	Dimensions	$\text{Ø}240\text{mm}$, thickness: 5.5mm
Operating Voltage	6V	Encapsulation	Glass/EVA/Cells/EVA/TPT
Operating Current	633mA	Front Glass	Tempered Glass, thickness: 3.2mm
Type of solar cell	Monocrystalline Silicon	Frame	Without Frame
Power Tolerance	$\pm 5\%$	Output lead wire	24AWG Wire, 130mm long, red for "+", black for "-"
STC: Irradiance $1000\text{W}/\text{m}^2$, Module temperature: 25°C , AM=1.5		Efficiency: $\geq 16\%$	Dimensions Tolerance: $\pm 0.2\text{mm}$
TEMPERATURE COEFFICIENTS		FIGURE OF STRUCTURE	
Nominal Operating Cell Temperature (NOCT): $45^\circ\text{C} \pm 2^\circ\text{C}$			
Temp.Coefficient of I_{sc}	$(0.045 \pm 0.01)\%/^\circ\text{C}$	WARRANTIES	
Temp.Coefficient of V_{oc}	$-(0.34 \pm 0.01)\%/^\circ\text{C}$	Power output more than 90% for 10 years Working life 10 years	
Temp.Coefficient of Power	$-(0.47 \pm 0.05)\%/^\circ\text{C}$	WARNING	
TESTED OPERATING CONDITIONS		-- Cannot touch with anything strong cauterant. -- Avoid scraping by something hard when using. -- Cannot bend on delivery and installation.	
Max load	50psf $245\text{kg}/\text{m}^2$ (2400)pascals		
Hailstone impact	25mm(1inch) at 23m/s(52mph)		
Temperature	-40°C to $+85^\circ\text{C}$		
Using Condition: Outdoor under the sunlight without covering			

The technical files provided by CHINA SOLAR LTD

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