



CHINA SOLAR

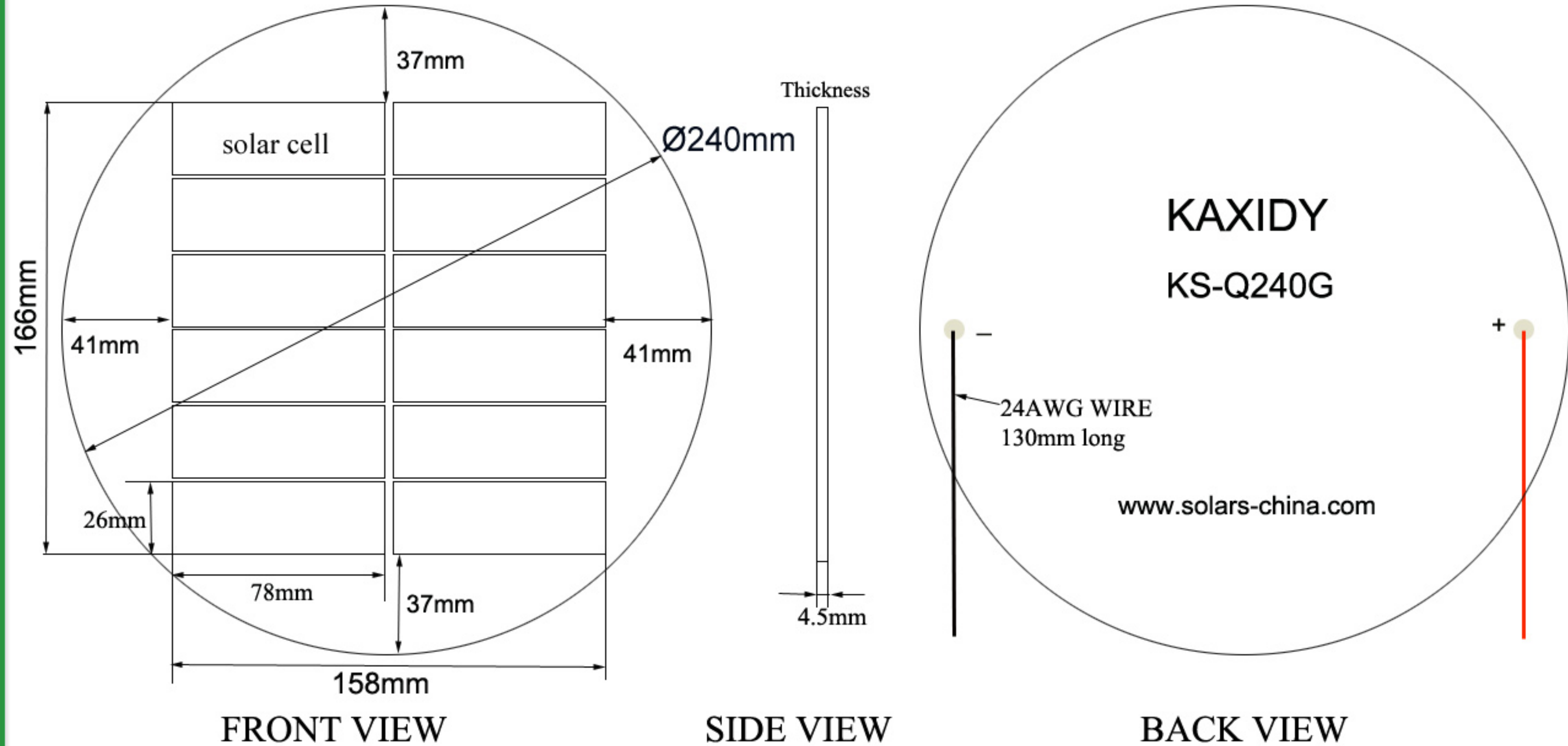
CHINA SOLAR LTD

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3.8W 6V SMALL CIRCULAR SOLAR PANEL



ELECTRICAL CHARACTERISTICS				MECHANICAL SPECIFICATIONS	
Power	3.8W			Dimensions	Ø240mm, thickness: 4.5mm
Operating Voltage	6V	Open Circuit Voltage	7.2V	Encapsulation	Glass/EVA/Cells/EVA/TPT
Operating Current	633mA	Short Circuit Current	690mA	Front Glass	Tempered Glass, thickness: 3.2mm
Type of solar cell	Monocrystalline Silicon Solar Cell			Frame	Without Frame
Power Tolerance	±5%			Output lead wire	24AWG Wire, 130mm long, red for "+", black for "-"
STC: Irradiance 1000W/m ² , Module temperature: 25°C, AM=1.5				Efficiency: ≥18%	Dimensions Tolerance: ±0.2mm
TEMPERATURE COEFFICIENTS				FIGURE OF STRUCTURE	
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			WARRANTIES	
TESTED OPERATING CONDITIONS				Power output more than 90% for 10 years Working life 15 years	
Max load	50psf 245kg/m ² (2400)pascals			WARNING	
Hailstone impact	25mm(1inch) at 23m/s(52mph)			-- Cannot touch with anything strong cauterant. -- Avoid scraping by something hard when using. -- Cannot bend on delivery and installation.	
Operating Temperature	-40° C to + 85° C				
Using Condition: Outdoor under the sunlight without covering					

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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