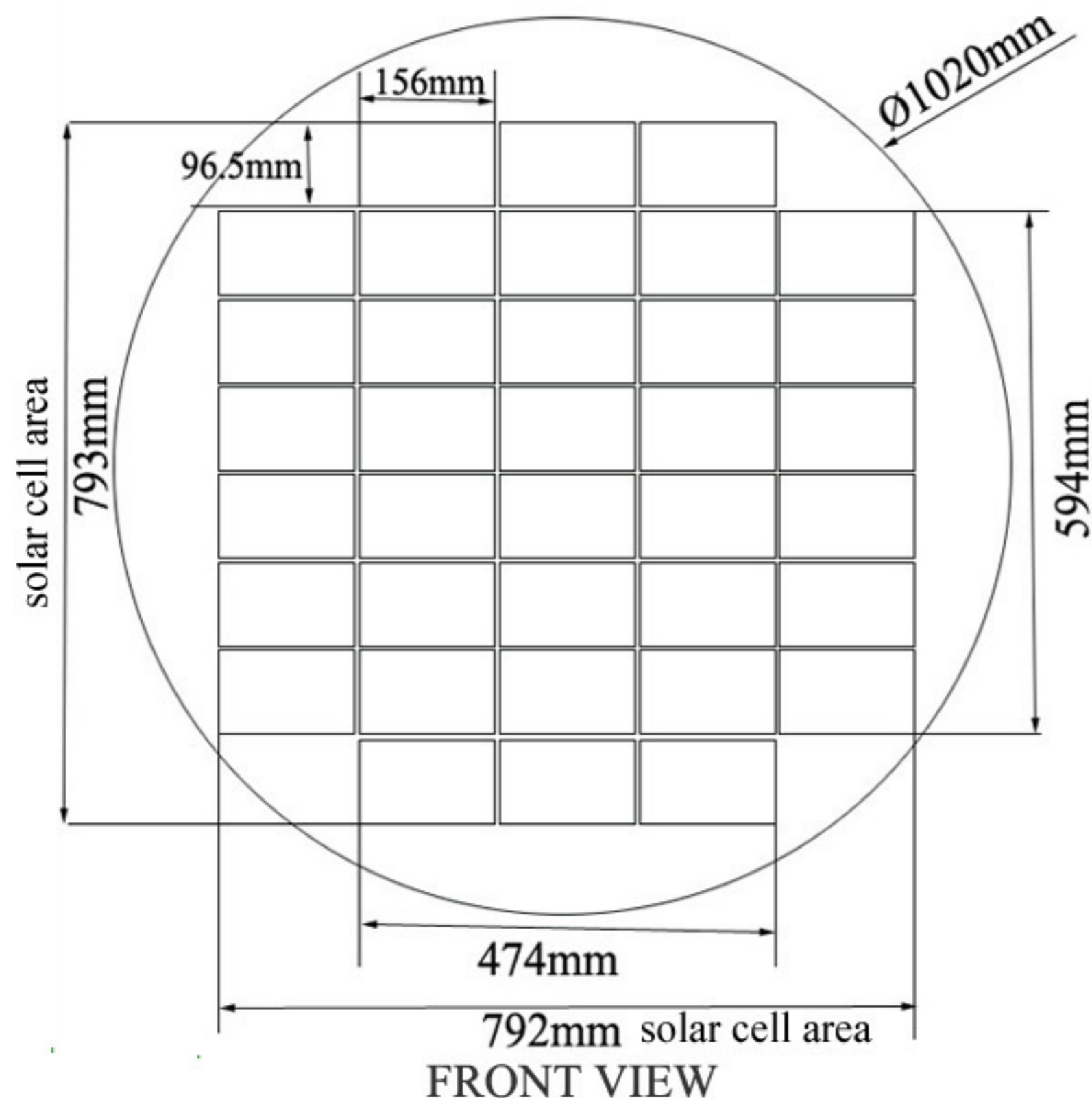




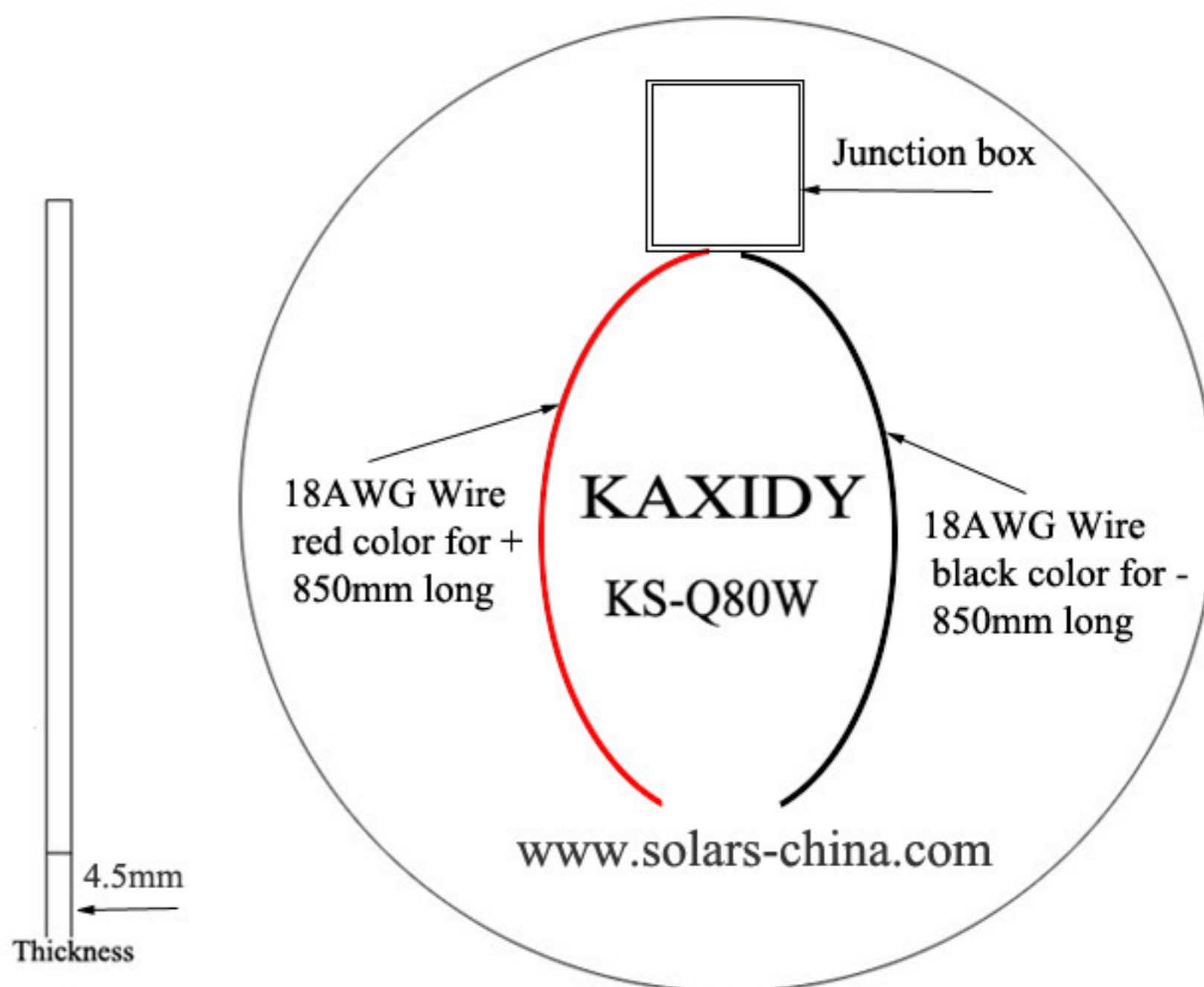
CHINA SOLAR

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KaXiDy**80W CIRCULAR SOLAR PANEL**

SIDE VIEW



BACK VIEW

**ELECTRICAL CHARACTERISTICS**

Power	80W
Operating Voltage	18V
Operating Current	4.44A
Type of solar cell	Monocrystalline Silicon Solar Cell
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)
Temperature	-40° C to + 85° C

**MECHANICAL SPECIFICATIONS**

Dimensions	Ø1020mm, Thickness: 4.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame, Solder wire, 850mm long
Efficiency	≥16%
Dimension Tolerance ±0.2mm	

**FIGURE OF STRUCTURE****WARRANTIES**

Power output more than 90% for 10years  
Power output more than 80% for 20years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

CHINA SOLAR LTD

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