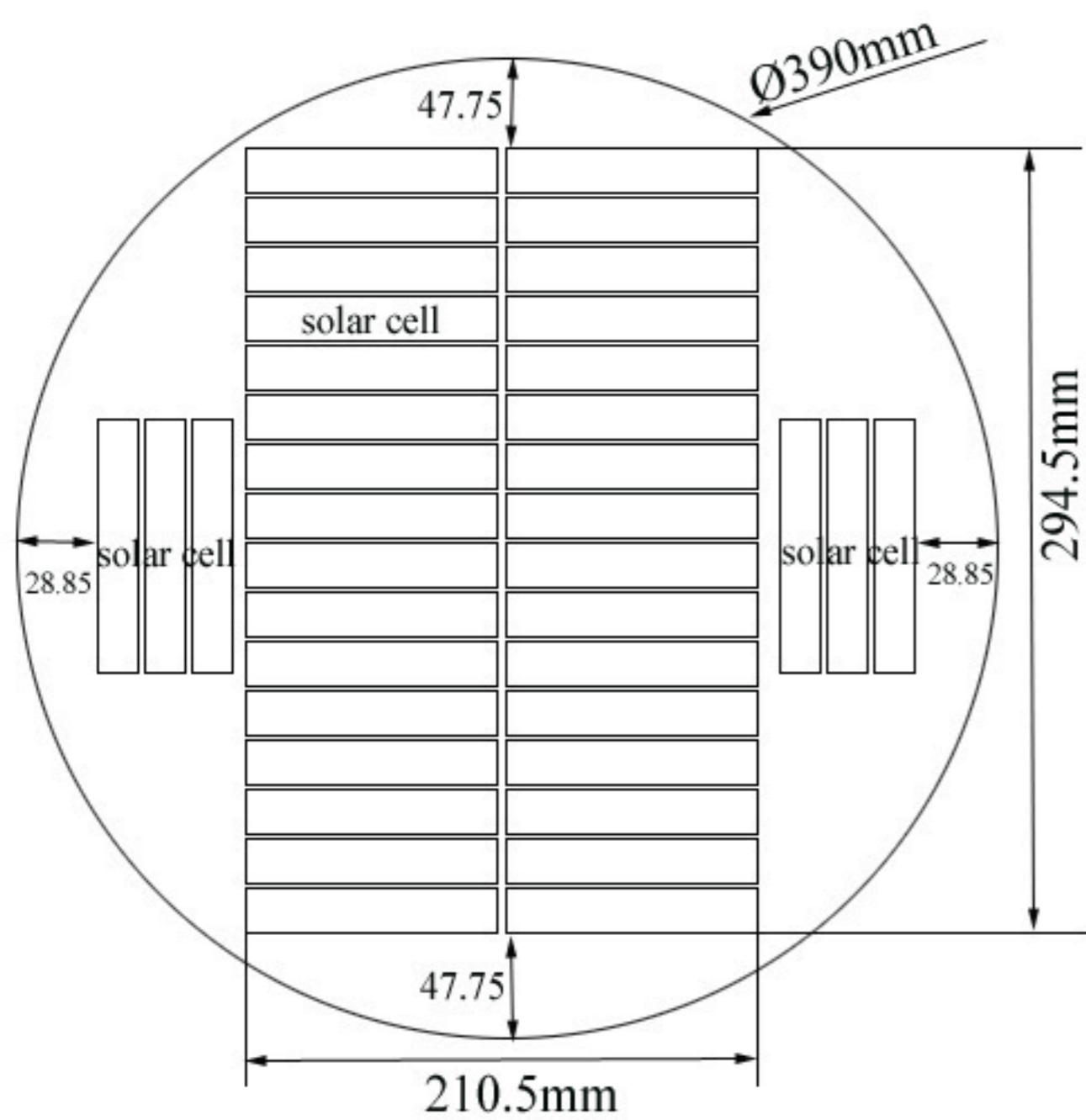
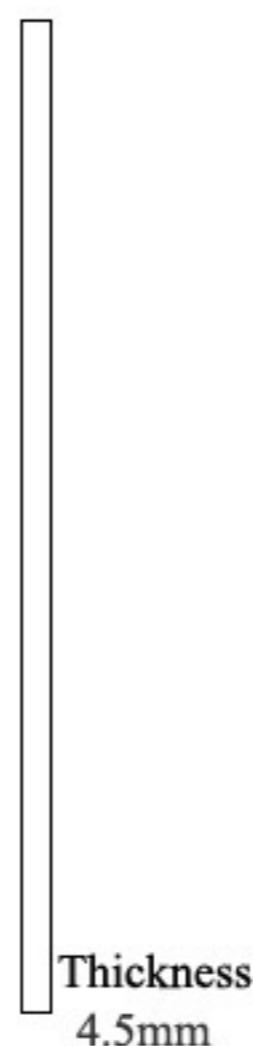
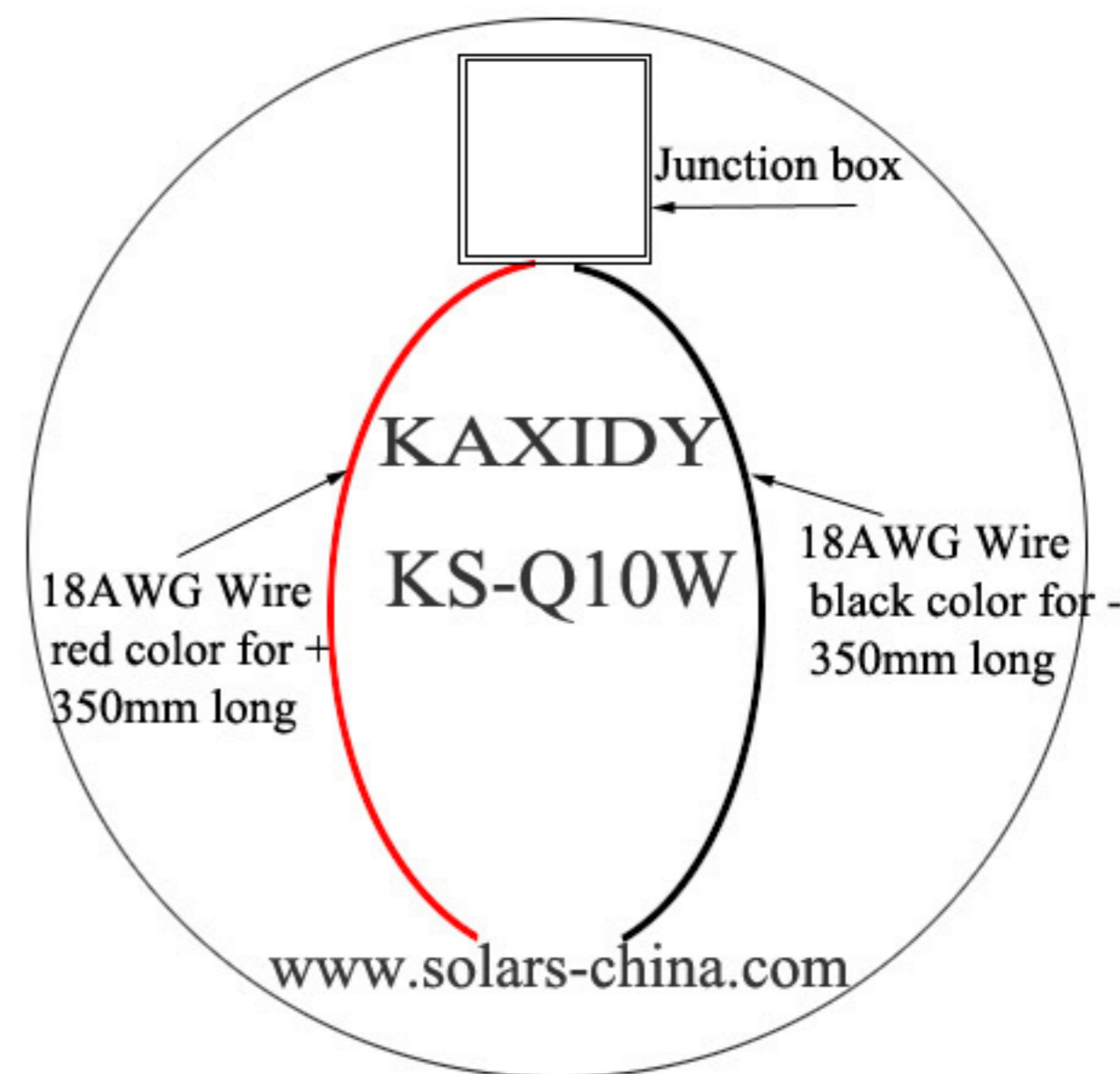


**10W CIRCULAR SOLAR PANEL**

FRONT VIEW



SIDE VIEW



BACK VIEW

ELECTRICAL CHARACTERISTICS

Power	10W
Operating Voltage	18V
Operating Current	556mA
Type of solar cell	Monocrystalline Silicon Solar Cell
Power Tolerance	±5%
STC: Irradiance 1000W/m ² , 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 ² (2400)pascals
Hailstone impact	25mm(1inch) at 23m/s(52mph)
Temperature	-40° C to + 85° C

MECHANICAL SPECIFICATIONS

Dimensions	Ø390mm, Thickness:4.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame, Solder wire, 350mm 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

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