



CHINA SOLAR

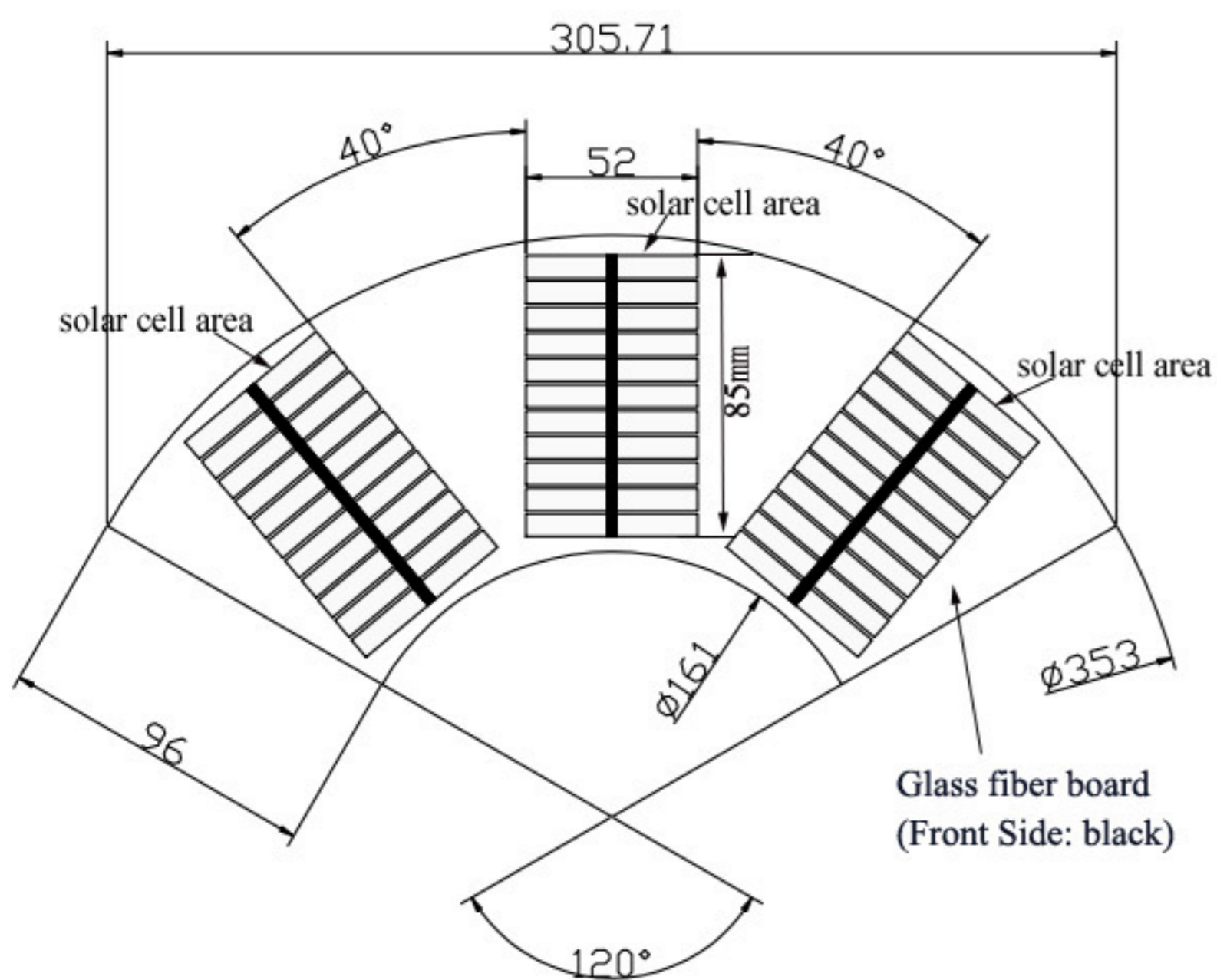
CHINA SOLAR

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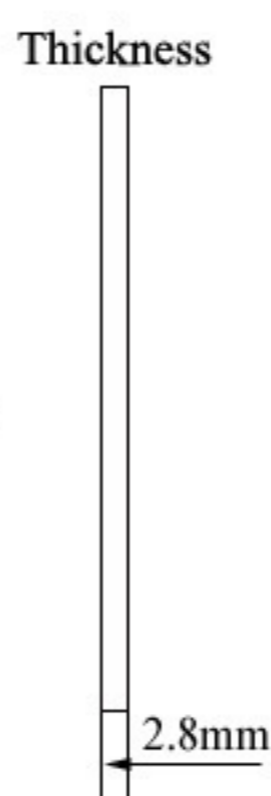
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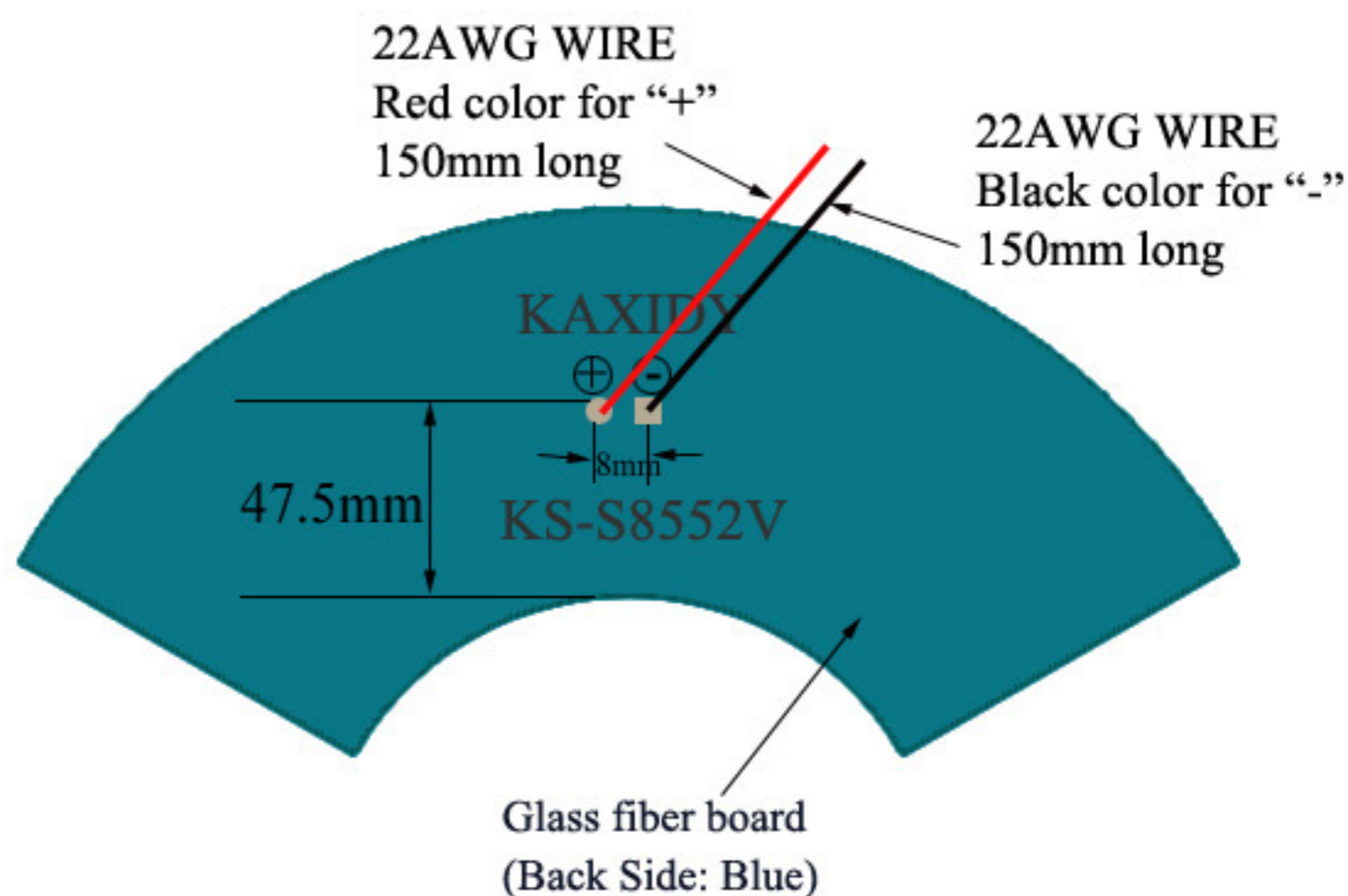
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OEM SECTOR SOLAR CELL PANEL

FRONT VIEW



SIDE VIEW



Item No: KS-S8552V

BACK VIEW

ELECTRICAL CHARACTERISTICS

Power	1.89W
Operating Voltage	16.5V
Operating Current	115mA
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

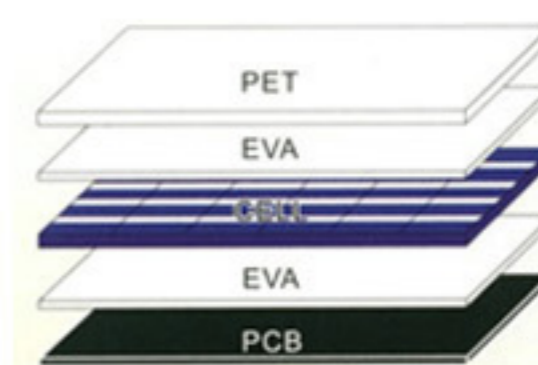
Nominal Operating Cell Temperature (NOCT): 45°C±2°C	
Temp.Coefficient of Isc	(0.045±0.01)%/°C
Temp.Coefficient of Voc	-(0.34±0.01)%/°C
Temp.Coefficient of Power	-(0.47±0.05)%/°C

TESTED OPERATING CONDITIONS

Storage temperature	-20° C to + 60° C
Working temperature	-40° C to + 85° C
Humidity	10~90%

MECHANICAL SPECIFICATIONS

Dimensions	As above
Front Cover	PET + Solar cell
Back Cover	Fiberglass board(color: black)
Frame	Without frame, Without Solder wire
Output lead wire	22AWG Wire, 150mm long, red for "+", black for "-"
Efficiency : ≥16% Dimension Tolerance: ±0.2mm	

FIGURE OF STRUCTURE**WARRANTIES**

Power output more than 90% for 5years
Work life: 5 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD**CHINA SOLAR LTD**

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