



CHINA SOLAR

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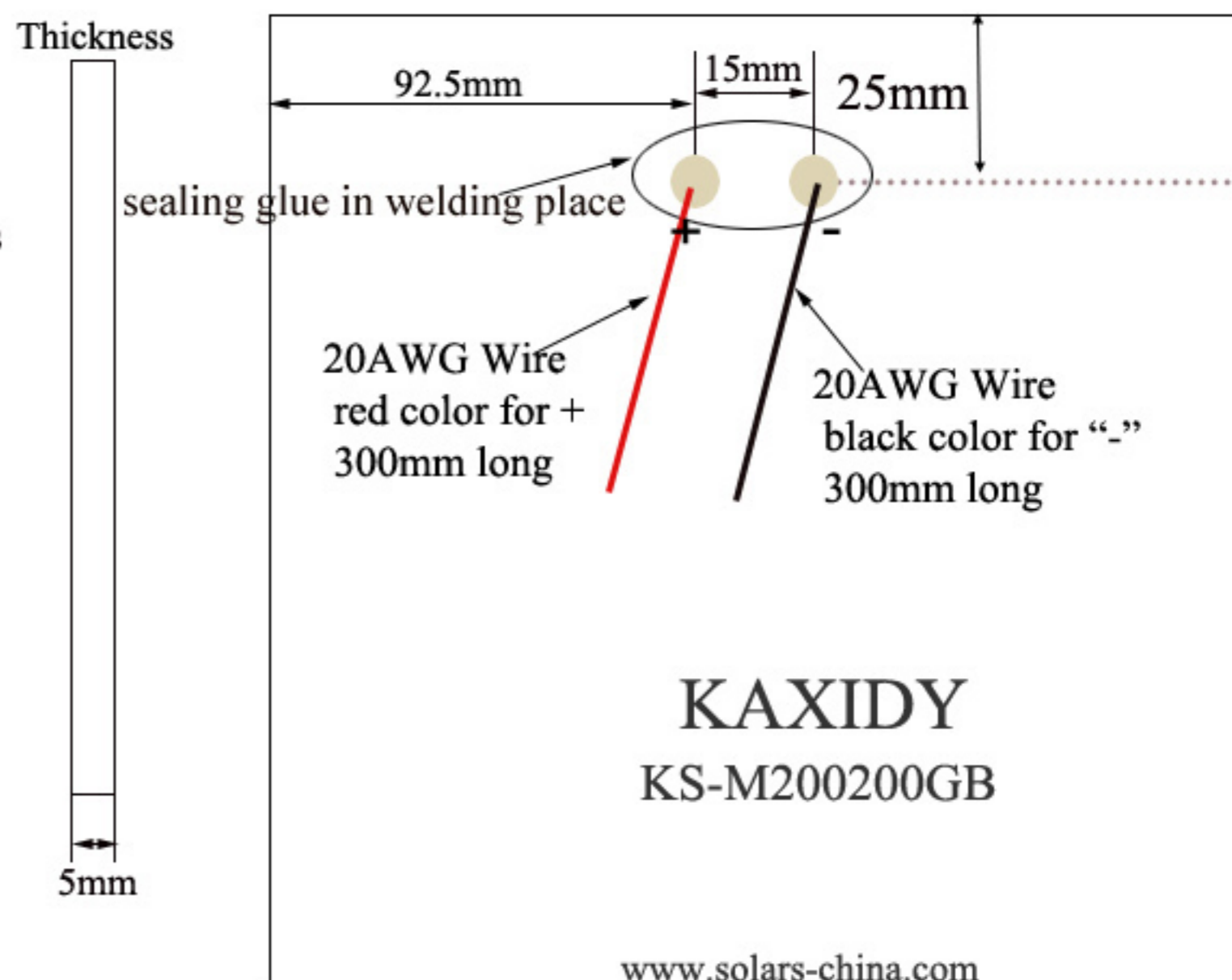
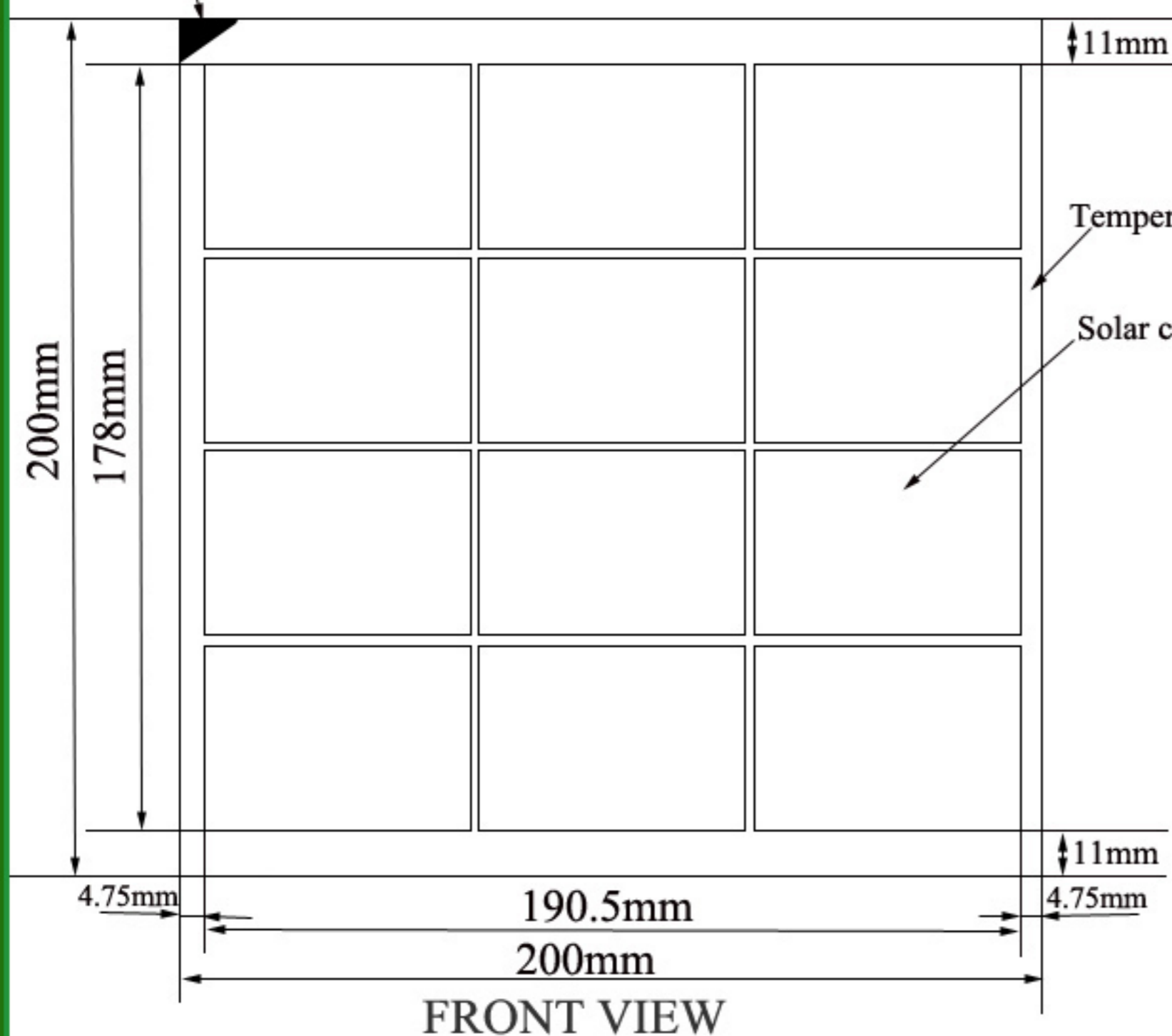
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KaXiDi

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**5W6V OEM MONOCRYSTALLINE SOLAR PANEL**

Black bottom film



SIDE VIEW

BACK VIEW

**ELECTRICAL CHARACTERISTICS**

Power	5W		
Operating Voltage	6V	Open Circuit Voltage	7.2V
Operating Current	833mA	Short Circuit Current	908mA
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**

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

**MECHANICAL SPECIFICATIONS**

Dimensions	200×200×5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	PV Tempered Glass, thickness: 3.2mm
Frame	Without frame, Solder wire, 300mm long
Efficiency	≥17%
Dimension Tolerance ±0.2mm	

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

Power output more than 90% for 10years  
Work life: 15 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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