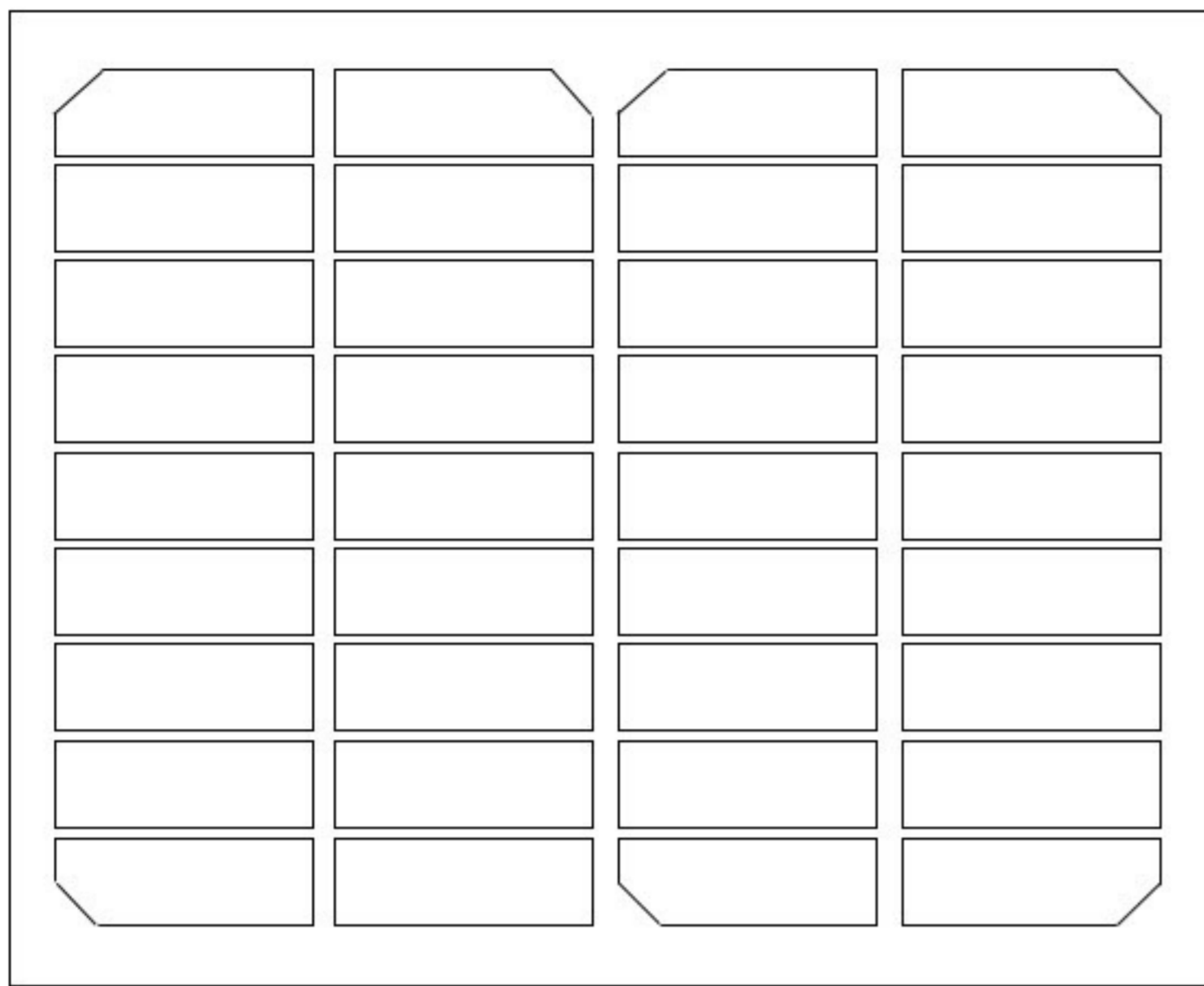
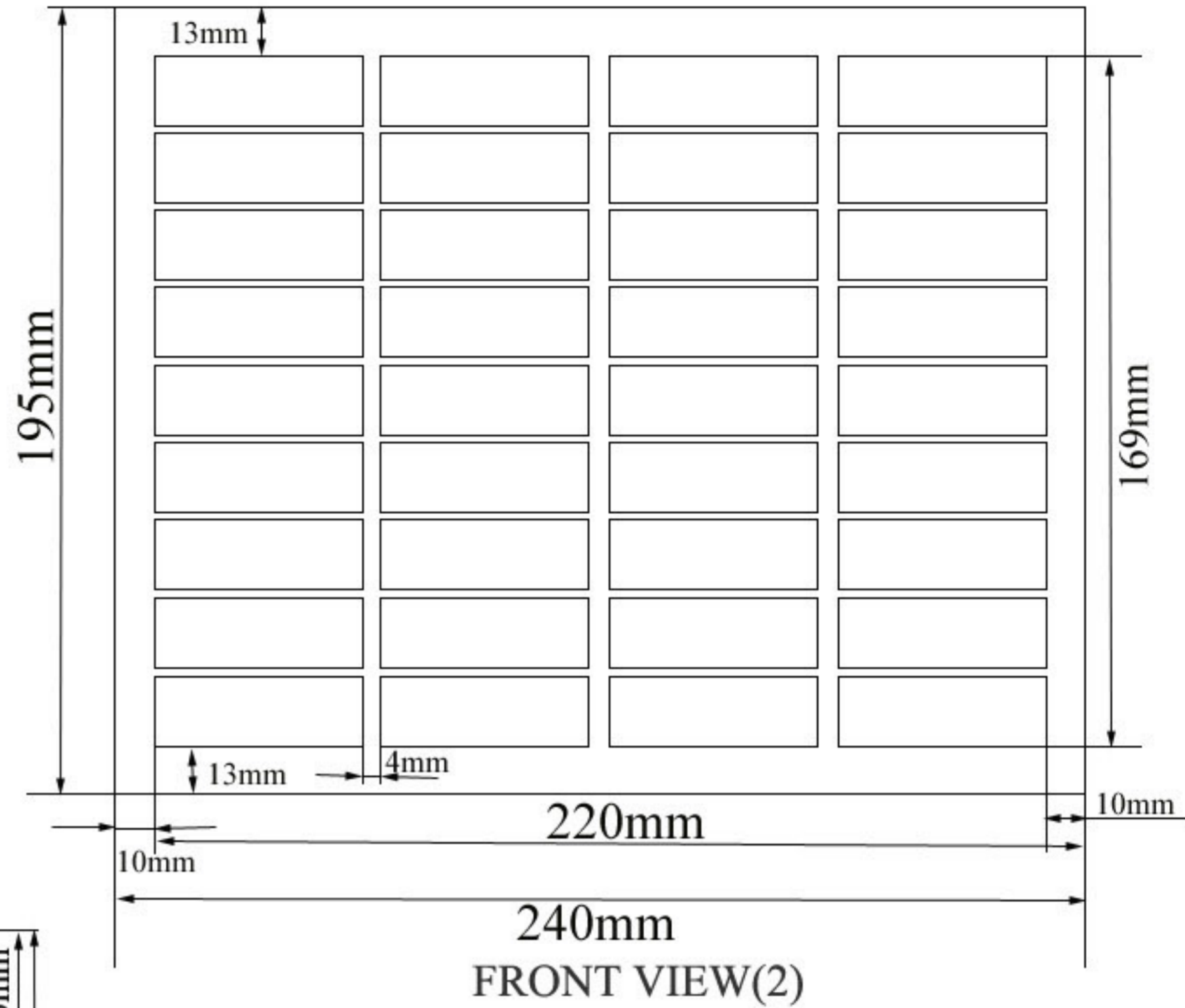


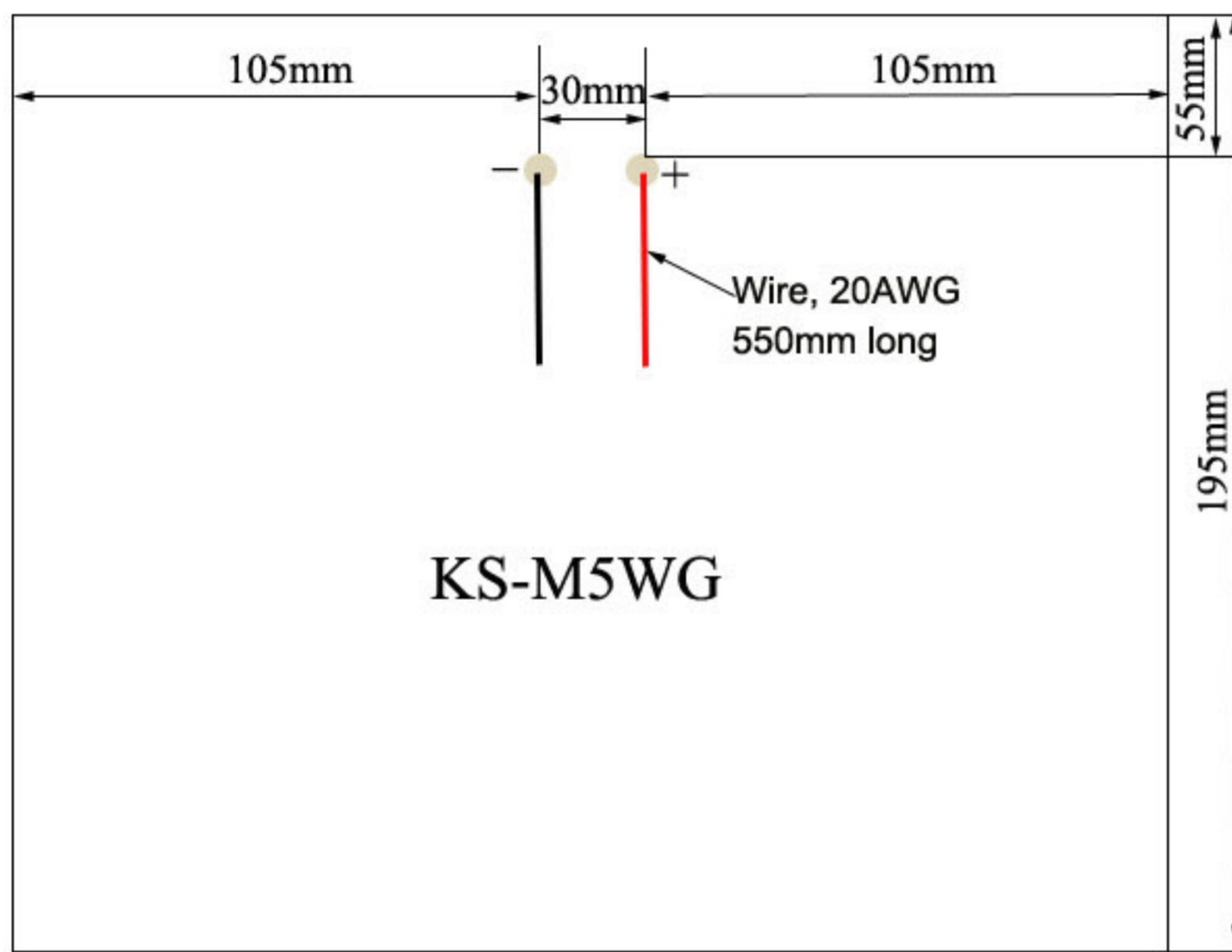
5W MONOCRYSTALLINE SOLAR PANEL



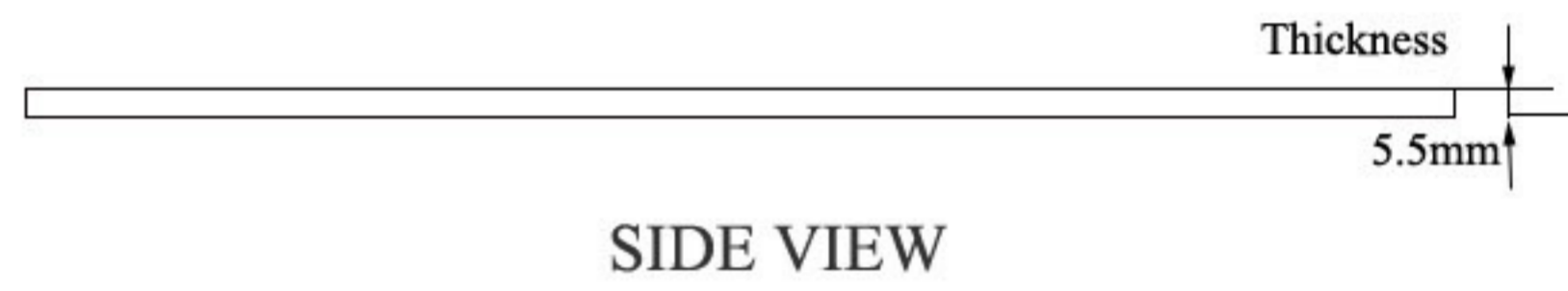
FRONT VIEW(1)



FRONT VIEW(2)



BACK VIEW



SIDE VIEW

ELECTRICAL CHARACTERISTICS

Power	5W
Operating Voltage	17.3V
Operating Current	289mA
Type of solar cell	Monocrystalline Silicon
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

Dmensions	240*195*5.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame
Output lead wire	20AWG, 550mm long
Efficiency	≥16%

FIGURE OF STRUCTURE



WARRANTIES

Power output more than 90% for 10years
Working life 15years

The technical files provided by CHINA SOLAR LTD

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