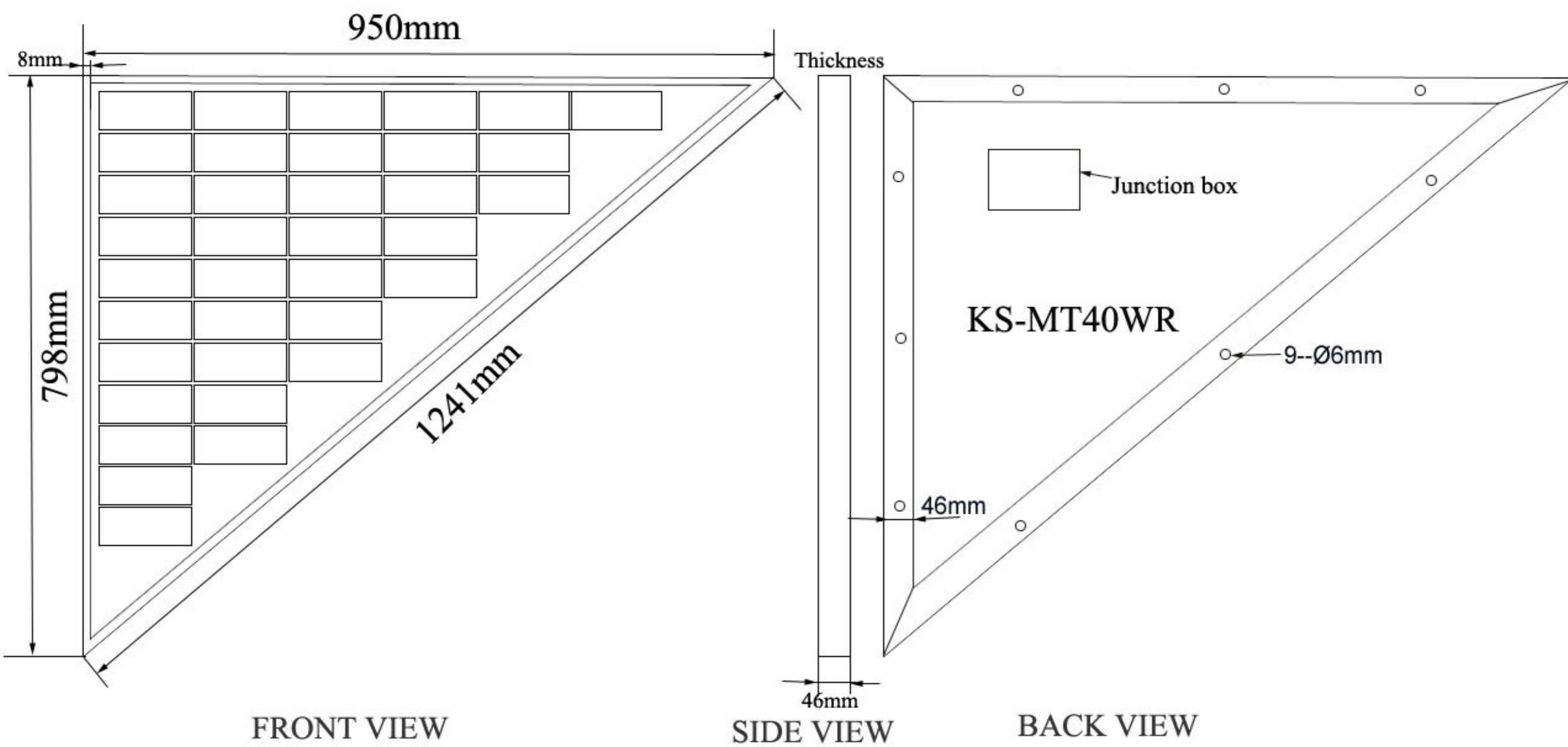


## 40W RIGHT TRIANGULAR SOLAR MODULE

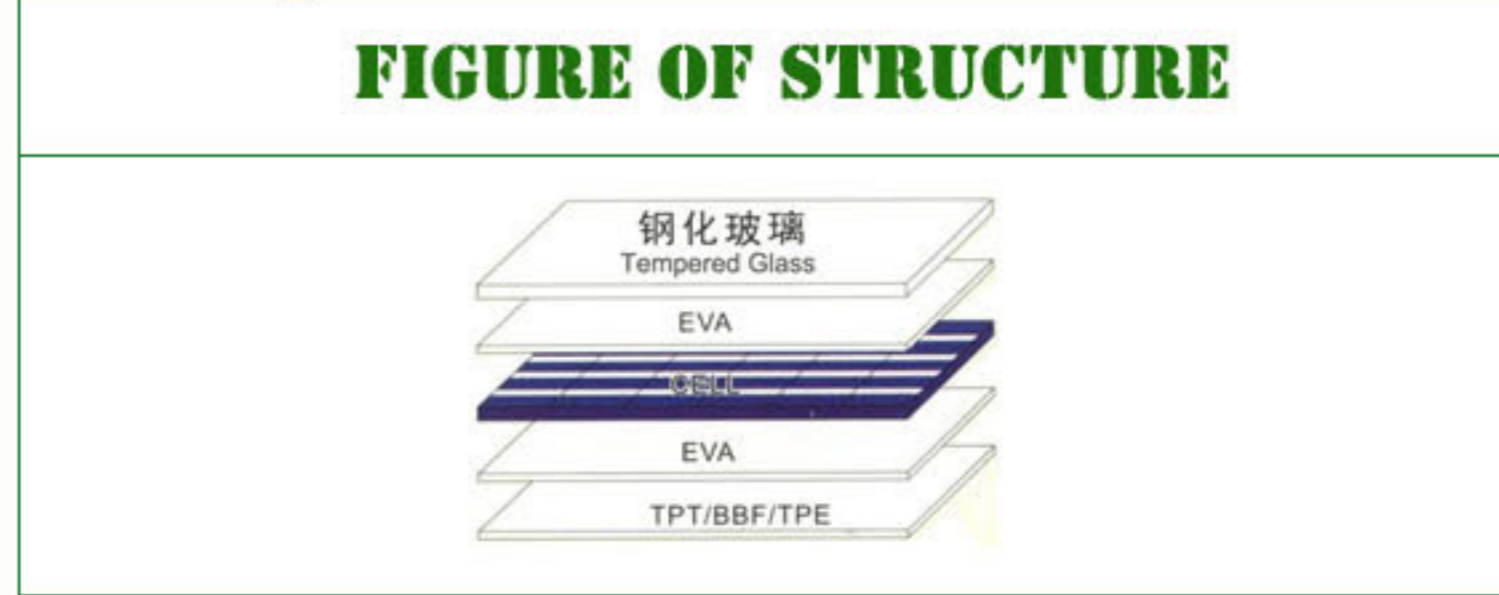


ELECTRICAL CHARACTERISTICS	
Power	40W
Operating Voltage	18V
Operating Current	2.22A
Type of solar cell	Monocrystalline Silicon
Power Tolerance	±5%
STC: Irradiance 1000W/m <sup>2</sup> , Module temperature: 25°C, AM=1.5	

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	950*798*46mm, Right Slope: 1241mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Anodized aluminum alloy (Black)
Output lead wire	Without output wire
Efficiency : ≥16% Dimensions Tolerance: ±0.3mm	



WARRANTIES	
Power output more than 90% for 10years	
Power output more than 80% for 25years	
Working life 25years	

The technical files provided by CHINA SOLAR LTD

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