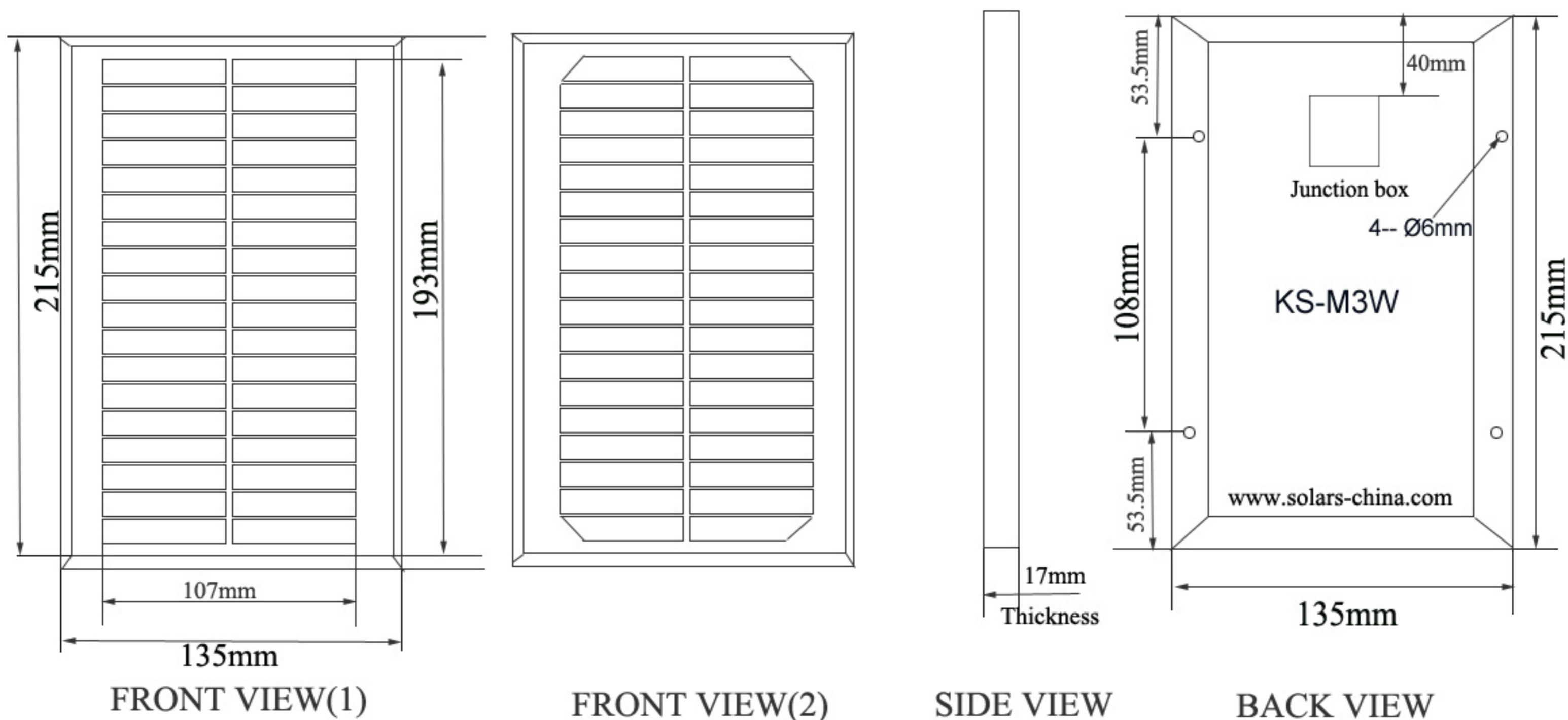


## 3W MONOCRYSTALLINE SOLAR MODULE



ELECTRICAL CHARACTERISTICS	
Power	3W $\pm$ 5%
Operating Voltage	17.2V $\pm$ 5%
Operating Current	174mA $\pm$ 5%
Type of solar cell	Monocrystalline Silicon
STC: Irradiance 1000W/m <sup>2</sup> , Module temperature: 25°C, AM=1.5	
TEMPERATURE COEFFICIENTS	
Nominal Operating Cell Temperature (NOCT): 45°C $\pm$ 2°C	
Temp. Coefficient of I <sub>sc</sub>	(0.045 $\pm$ 0.01)%/°C
Temp. Coefficient of V <sub>oc</sub>	-(0.34 $\pm$ 0.01)/°C
Temp. Coefficient of Power	-(0.47 $\pm$ 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	215*135*17mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Anodized aluminum alloy (Silver)
Efficiency	$\geq$ 16%
FIGURE OF STRUCTURE	
WARRANTIES	
Power output more than 90% for 10years Power output more than 80% for 25years Working life 25years	

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