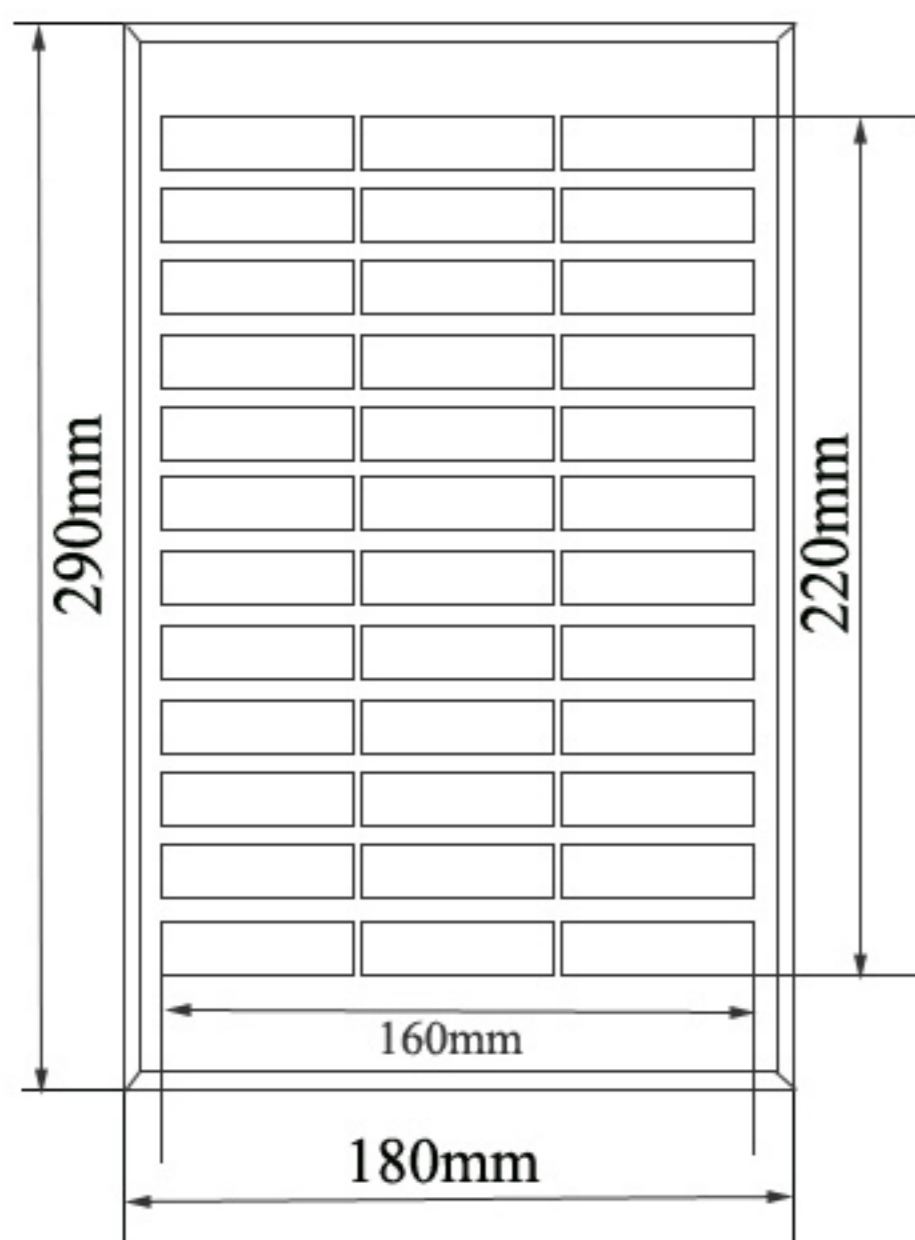


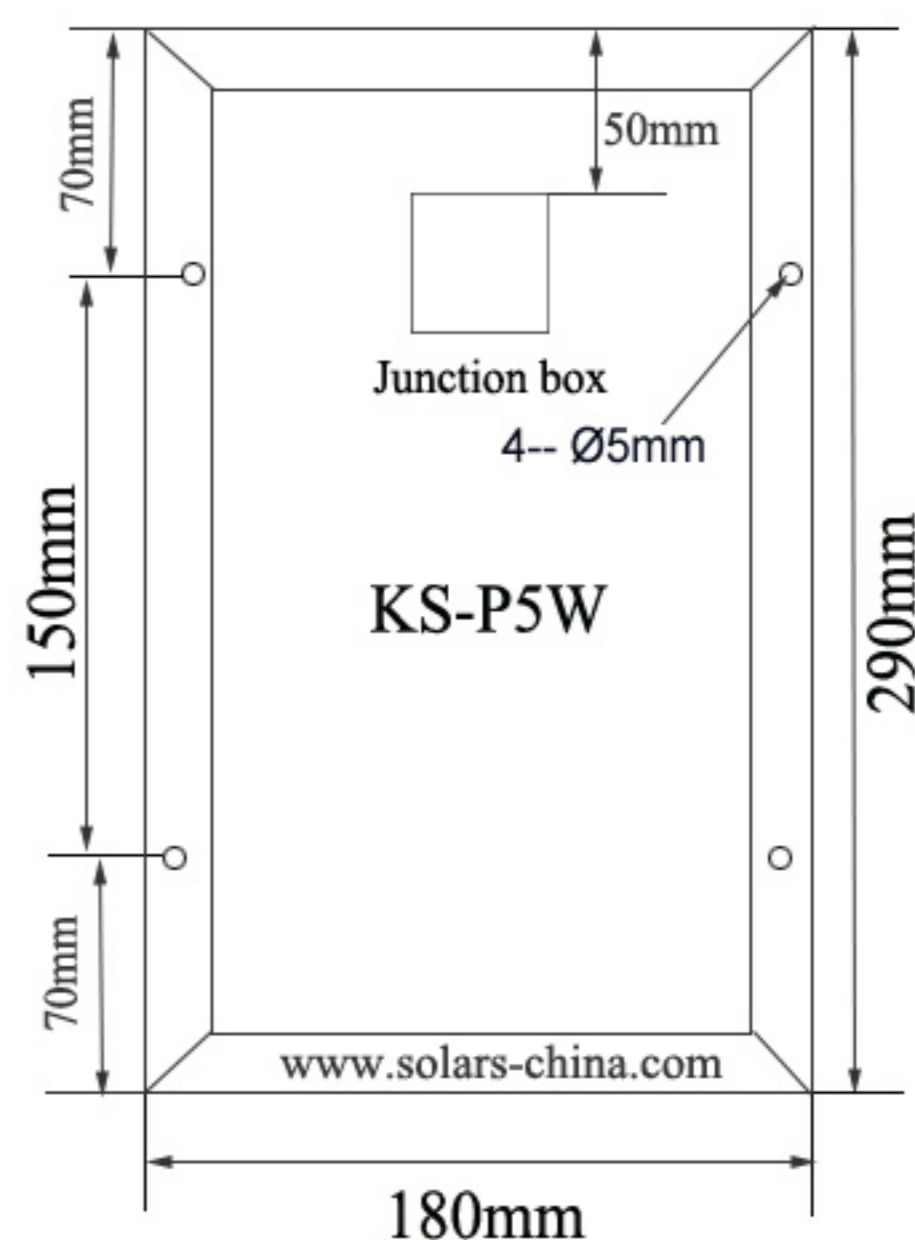
5W POLYCRYSTALLINE SOLAR MODULE



FRONT VIEW



SIDE VIEW



BACK VIEW

ELECTRICAL CHARACTERISTICS

Power	5W		
Operating Voltage	18V	Open Circuit Voltage	21.6V
Operating Current	277mA	Short Circuit Current	301mA
Type of solar cell	Polycrystalline 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 I _{sc}	(0.045±0.01)%/°C
Temp. Coefficient of V _{oc}	-(0.34±0.01)/°C
Temp. Coefficient of Power	-(0.47±0.05)%/°C

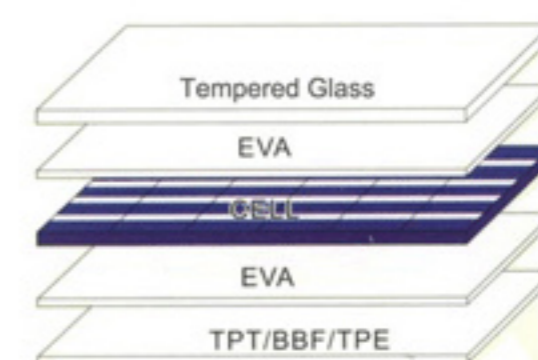
TESTED OPERATING CONDITIONS

Max load	50psf 245kg/m ² (2400)pascals
Hailstone impact	25mm(1inch) at 23m/s(52mph)
Operating Temperature	-40° C to + 85° C

MECHANICAL SPECIFICATIONS

Dimensions	290×180×18mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Anodized aluminum alloy (Silver)
Output lead wire	Without solder wire, with junction box
Dimension Tolerance: ±0.2mm Efficiency: ≥17%	

FIGURE OF STRUCTURE



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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