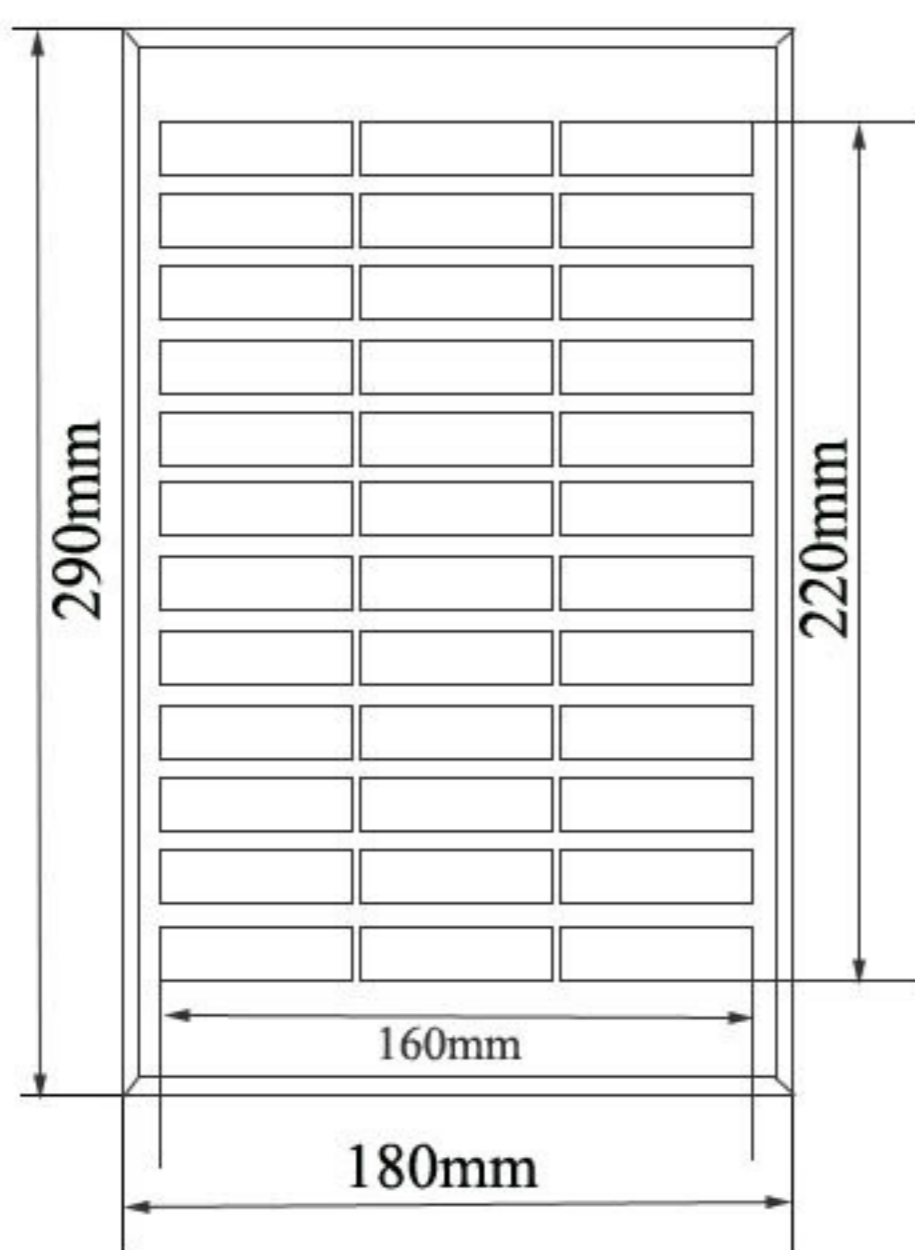
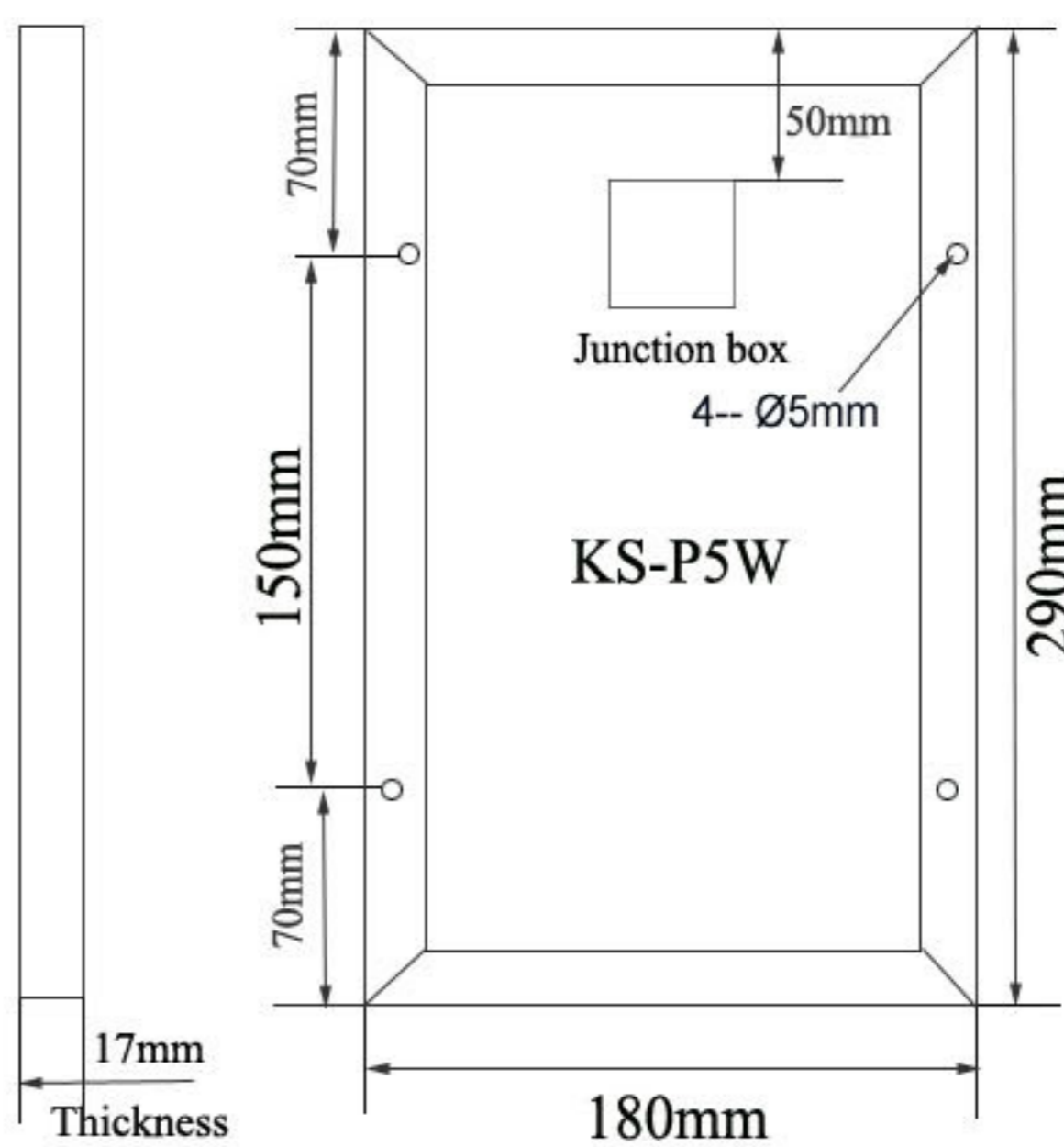


5W POLYCRYSTALLINE SOLAR MODULE



FRONT VIEW



SIDE VIEW

BACK VIEW

ELECTRICAL CHARACTERISTICS

| | |
|---|-------------------------|
| Power | 5W |
| Operating Voltage | 18V |
| Operating Current | 277mA |
| Type of solar cell | Polycrystalline Silicon |
| Power Tolerance | ±5% |
| STC: Irradiance 1000W/m ² , Module temperature: 25°C, AM=1.5 | |

MECHANICAL SPECIFICATIONS

| | |
|------------------|----------------------------------|
| Dimensions | 290*180*17mm |
| Encapsulation | Glass/EVA/Cells/EVA/TPT |
| Front Glass | Tempered Glass, thickness: 3.2mm |
| Frame | Anodized aluminum alloy (Silver) |
| Output lead wire | Without solder wire |
| Efficiency | ≥16% |

FIGURE OF STRUCTURE



WARRANTIES

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

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) |
| Temperature | -40° C to + 85° C |

The technical files provided by CHINA SOLAR LTD

Office Address:
 NO.601,ZhongKang Pioneer Park,ZhongKang Road,
 Futian District, ShenZhen City,Guangdong Province,China
 Factory Address:
 Longxi Hi-tech Industrial Park, Longcheng Road, Longgang
 Town, ShenZhen City,Guangdong Province,China



Tel: +86.755.8351 5659
 Fax: +86.755.8271 6024
 Website: <http://www.solars-china.com>
 Email: market@solars-china.com
 MSN: market@solars-china.com
 Skype: KAXIDY