

CHINA SOLAR LTD

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OEM MONOCRYSTALLINE SILICON SOLAR PANEL

ELECTRICAL CHARACTERISTICS

Cell Type	Monocrystalline silicon solar cell
Norminal Power	Pmax=0.18W
Open Circuit Voltage	Voc=4.6V
Short Circuit Current	Isc=50mA
Operating voltage	Vm=4V
Operating current	Im=45mA
Tolerance of Power	±5%
Tolerance of voltage	±3%
Tolerance of of current	±5%
Efficiency Eff (%)	≥18%

STANDARD TEST CONDITIONS(STC:1000W/m²(or lighting illumination :38000LUX), 25°C,AM 1.5

Using and store Condition

Operating Temperature Range	-20°C to +80°C
Storage Temperature Range	-20°C to +60°C
Humidity & Temperature Test	10~90%
Using Condition:	Outdoor under the sunlight without covering

FIGURE OF STRUCTURE

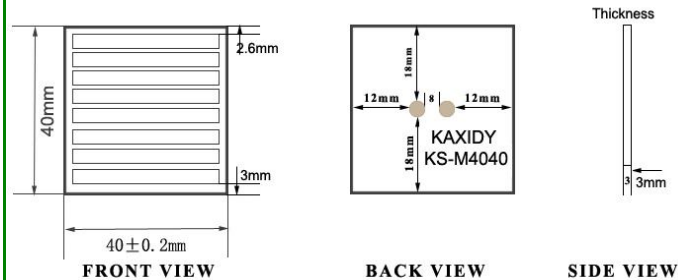


APPEARANCE SPECIFICATIONS

Appearance: transparent and good polish, without distortion and loss

Warranty: nominal power keep more than 90% in 3 years

DIMENSIONS



Item No: KS-M4040

H	W	T
40mm	40mm	3mm

MICHANICAL SPECIFICATIONS

Dmensions(H*W*T) as above	40*40*3mm
Weight	6g
Front Cover	Epoxy Resin + solar cell
Back Cover	PCB (fiberglass board)
Frame	No frame
Output Lead Wire	Without solder wire

WARNING

- Cannot touch with anything strong cauterant
- Avoid scraping by something hard when using
- Cannot bend on delivery and installation

The technical files provided by CHINA SOLAR LTD

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