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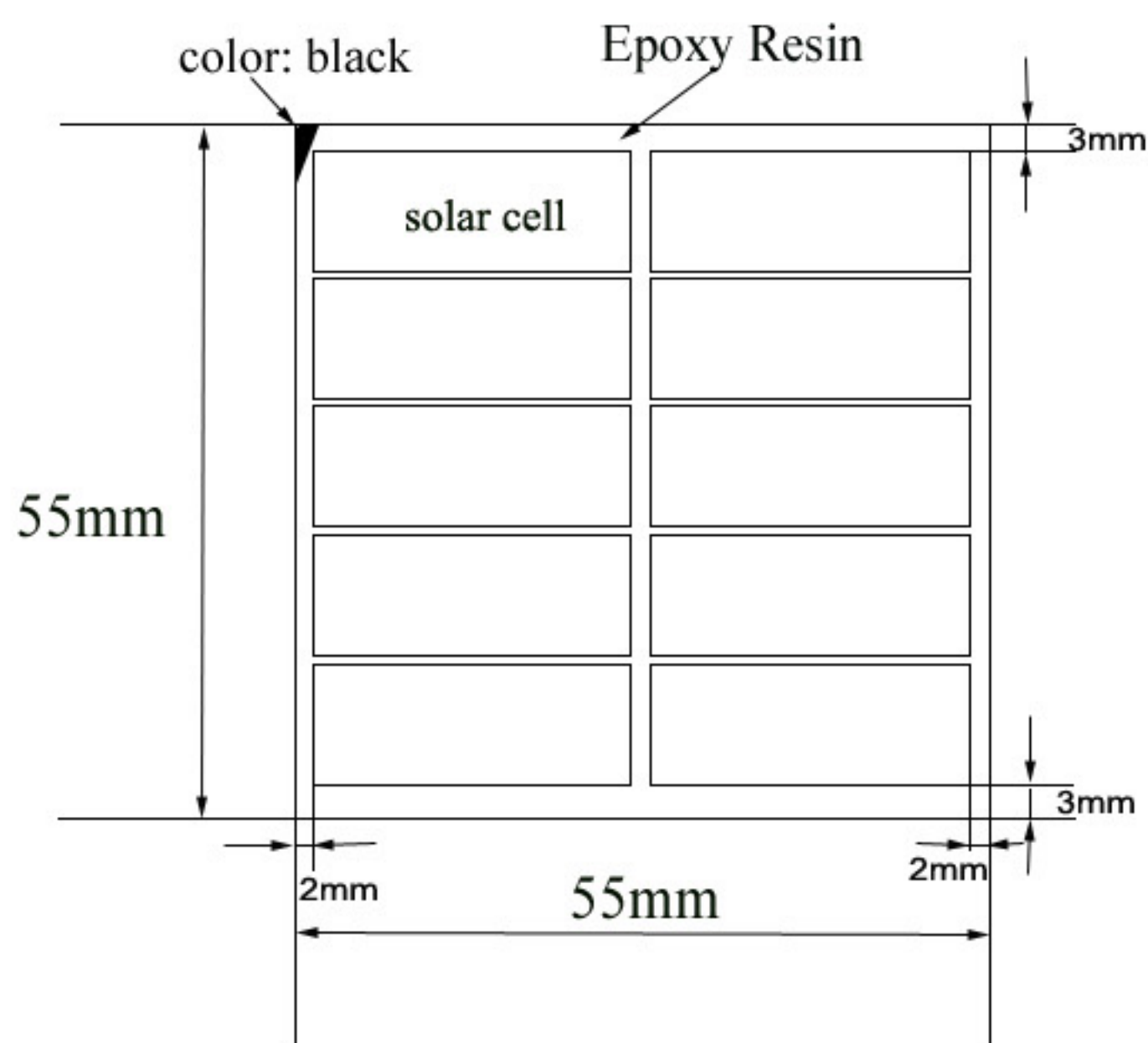


Solar Panel Guide

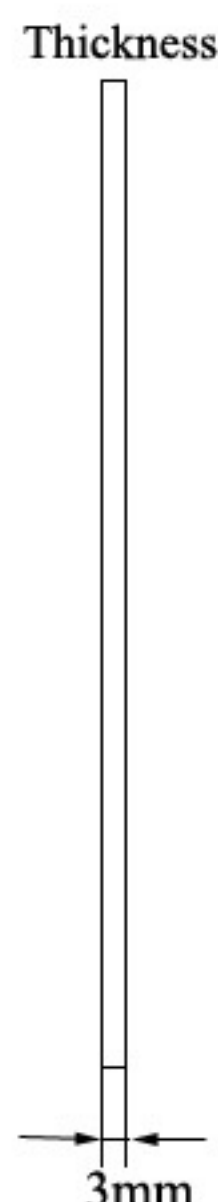
Specification Data Sheet

Learn more at energypal.com/best-solar-panels-for-homes

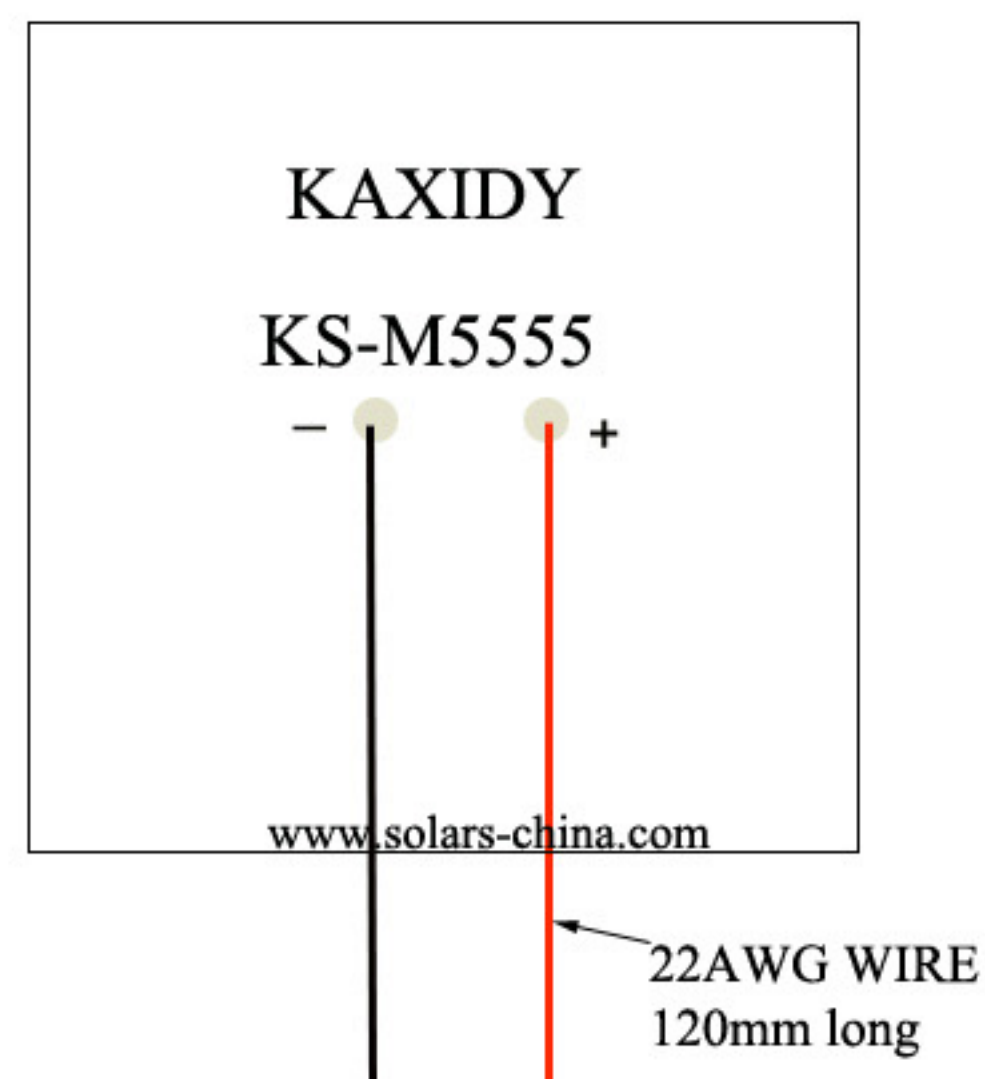
KS-M5555 SMALL SOLAR CELL PANEL



FRONT VIEW



SIDE VIEW



BACK VIEW

ELECTRICAL CHARACTERISTICS

Power	0.4W		
Operating Voltage	5V	Open Circuit Voltage	6V
Operating Current	80mA	Short Circuit Current	87mA
Type of solar cell	Monocrystalline Silicon		
Power Tolerance	±5%		
STC: Irrandiacnce 1000W/m²,Module temperature:25°C,AM=1.5			

TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT): 45°C±2°C	
Temp.Coefficient of Isc	(0.045±0.01)%/°C
Temp.Coefficient of Voc	-(0.34±0.01)/°C
Temp.Coefficient of Power	-(0.47±0.05)%/°C

USING AND STORE CONDITION

- Temperature: -40° C to + 85° C
- Using Condition: Outdoor under the sunlight without covering

WARNING

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

MECHANICAL SPECIFICATIONS

Dmensions	55×55×3mm
Front Cover	Epoxy Resin + Solar Cell
Back Cover	Fiberglass board
Frame	Without Frame
Output lead wire	22AWG Wire, 120mm long
Efficiency: ≥17%	Dmensions Tolerance: ±0.2mm

FIGURE OF STRUCTURE



WARRANTIES

Power output more than 90% for 3 years
Working life 3 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

Office Address:

N0.601,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