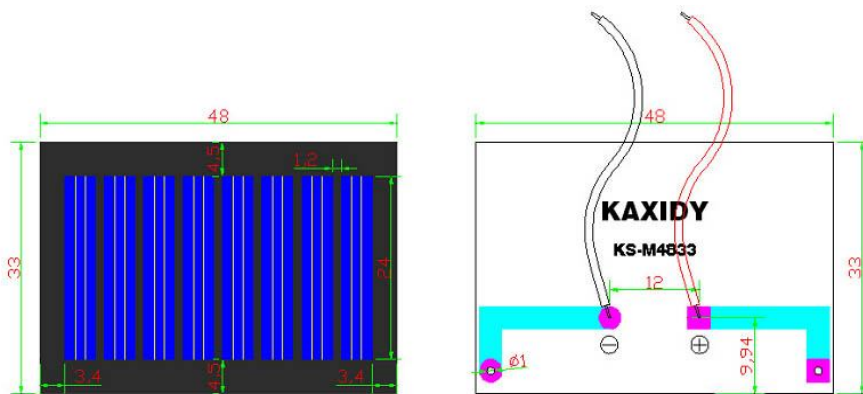


[Http://www.solars-china.com](http://www.solars-china.com)

4V 28mA Small Photovoltaic Solar Panel

Model No: KS-M4833



Electrical Characteristics

Cell Type	Monocrystalline silicon solar cell
Norminal Power	Pmax=0.61W
Open Circuit Voltage	Voc=4.6V
Short Circuit Current	Isc=32mA
Voltage at Pmax	Vm=4V
Current at Pmax	Im=28mA
Standard Test Conditions(STC):Irradiance:1000W/m ² , 25°C, AM 1.5 Power tolerance: ±3%	

Mechanical Specifications

Dimensions(LxWxT) as above	48x33x3mm(±0.2mm)
Front Cover	Epoxy Resin/ Solar Cell
Back Cover	Fiberglass board
Efficiency	≥18%
Output Lead Wire	With solder wire,24AWG, 150mm long
Frame and Junciton Box	No
Weight	5g
Purpose	Used to charge any 2.4V rechargeable battery, or any 2.4V application.

Temperature coefficient

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
NOCT: Nominal Operation Cell Temperature	

Figure of Cell Structure



Tested Operating Conditions

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

Warning

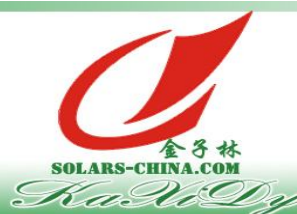
- Cannot touch with anything strong cauterant
- Avoid scraping by something hard when using
- Cannot bend on delivery and installation

Warranties

Power output more than 90% for 3 years
Work life: 3 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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