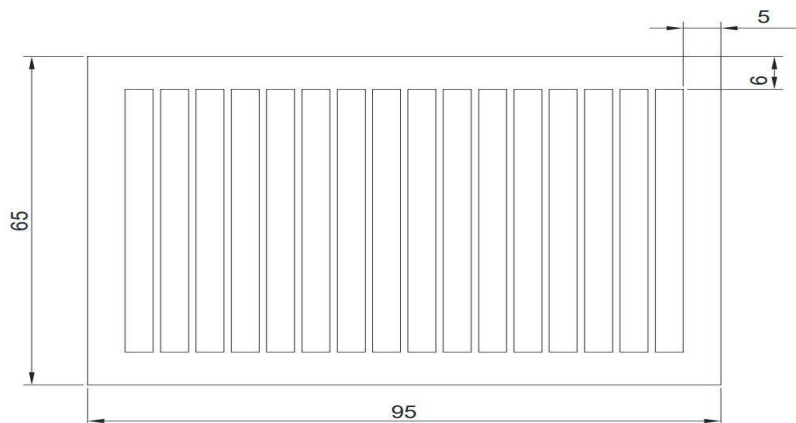


8V 100mA Mini Photovoltaic Panel

Model No: KS-M9565P



95*65mm, 8V100mA

Electrical Characteristics

Cell Type	Monocrystalline silicon solar cell
Norminal Power	Pmax=2.4W
Open Circuit Voltage	Voc=9.6V
Short Circit Current	Isc=104mA
Operating Voltage	Vm=8V
Operating Current	Im=100mA

Standard Test Conditions(STC):Irradiance:1000W/ m², 25℃, AM 1.5
Power tolerance: ±3%

Temperature coefficient

NOCT	45℃±2℃
Temp.Coefficient of Isc	(0.045±0.01)%/℃
Temp.Coefficient of Voc	-(0.34±0.01))%/℃
Temp.Coefficient of Power	-(0.47±0.05))%/℃

NOCT: Nominal Operation Cell Temperature

Tested Operating Conditions

Operating Temperature	-40℃ to 65℃
Storage Temperature	-40℃ to 40℃
Using Condition:	Outdoor under the sunlight without covering

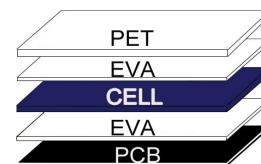
Warranties

Power output more than 90% for 10years
Operating Life: 5 - 8 years

Mechanical Specifications

Dmensions(LxWxT) as above	95x65x2.2mm(±0.2mm)
Frosted	PET/ EVA/ Solar Cell/PCB
Back Cover	Fiberglass Circuit Board
Efficiency	≥ 18.6%
Output Lead Wire	Solder 22AWG Wire, 100mm long
Special Requirement	with diodes(1N4001) & connectors
Frame and Junciton Box	No Frame, no junction box

Figure of Cell Structure



Warning

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

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