

Building, Room 1012 Led Solar Silicon Valley Queshan Dalang Longhua ShenZhen

Web:www.zhihesolar.com

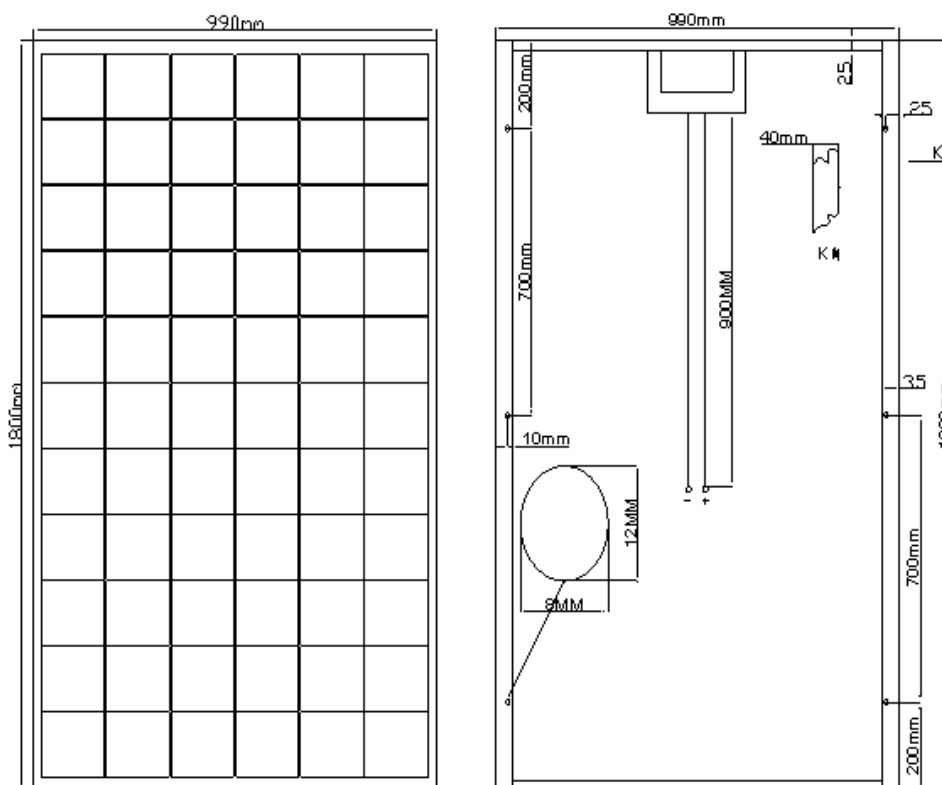
Model(ZH230CE-33P)Specifications	
ITEM NO.:	ZH230CE-33P
Maximum Power(W)	230
Optimum Power Voltage(Vmp)	32.47
Optimum Operatige Current(Imp)	7.08
Open Circuit Voltage(Voc)	39.79
Short Circuit Current(Isc)	7.57
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*11
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1800*990*40
Front Glass Thikness(mm)	3.2
Temperature Coefficients of Isc(%)°C	+0.04
Temperature Coefficients of Voc(%)°C	-0.38
Temperature Coefficients of Pm(%)°C	-0.47
Temperature Coefficients of Im(%)°C	+0.04
Temperature Coefficients of Vm(%)°C	-0.38
Temperature Range	-40°C to +85°C
Tolerance Wattage(e.g.+/-5%)	±5%
Surface Maximum Load Capacity	2400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	20.6
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	14.32%
Module Efficiency (%)	12.91%
Frame(Material Corners,etc.)	40#
Backing (Brand Type)	TPT
Warranty	90% of 10 years,80% of 25 years.
Standard Test Conditions	AM1.5 1000W/m ² 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	12Pallets / 276pcs
1*40'HQ	24 Pallets / 648pcs

**Model(ZH230CE-33P)
Specification**

ZhiHe Solar Module

**Using high quality materials to
provide high quality solar modules**

- 1.Solar cells:Jetion cells
- 2.Glass:Fiat 's from Shanghai
- 3.EVA:First Hot-Melt Adhesive from Hangzhou China
- 4.TPT:JOLYWOOD from Suzhou,China
- 5.Junction box and connectors:GZX from Cixi,China or Rehe from Cixi,China
- 6.Silica gel:Dow Corning



IV Curve

