

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

Web:www.zhihesolar.com

Model(ZH50CE-18M)Specifications	
ITEM NO.:	ZH50CE-18M
Maximum Power(W)	50
Optimum Power Voltage(Vmp)	17.35
Optimum Operatige Current(Imp)	2.88
Open Circuit Voltage(Voc)	21.88
Short Circuit Current(Isc)	3.08
Solar Cell:	125*82 /125*43 Mono
Number of Cell(pcs)	4*9/4*18
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	845*545*35
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)	5.2
Bypass Diode Rating(A)	10
Cell Efficiency (%)	14.10%
Module Efficiency (%)	10.83%
Frame(Material Corners,etc.)	35#
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%

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ZhiHe Solar Module

Using high quality materials to provide
high quality solar modules

- 1.Solar cells:Jetion cells
- 2.Glass:Flat'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 Renhe from Cixi,China
- 6.Silica gel:Dow Corning

