

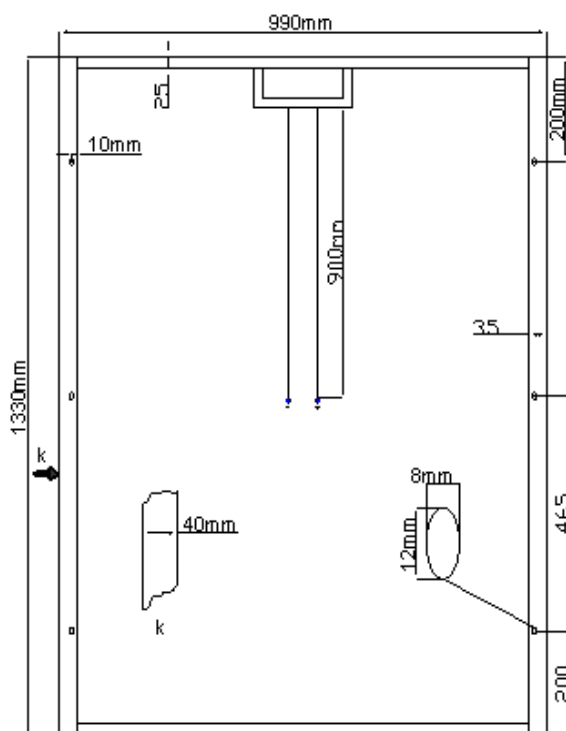
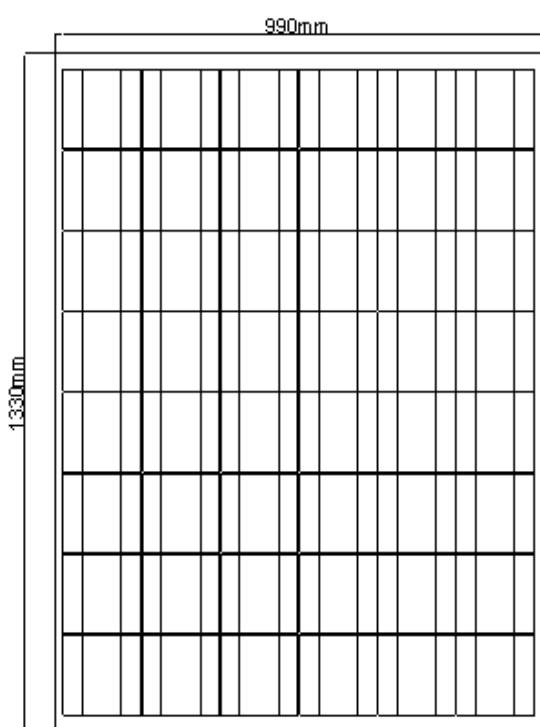
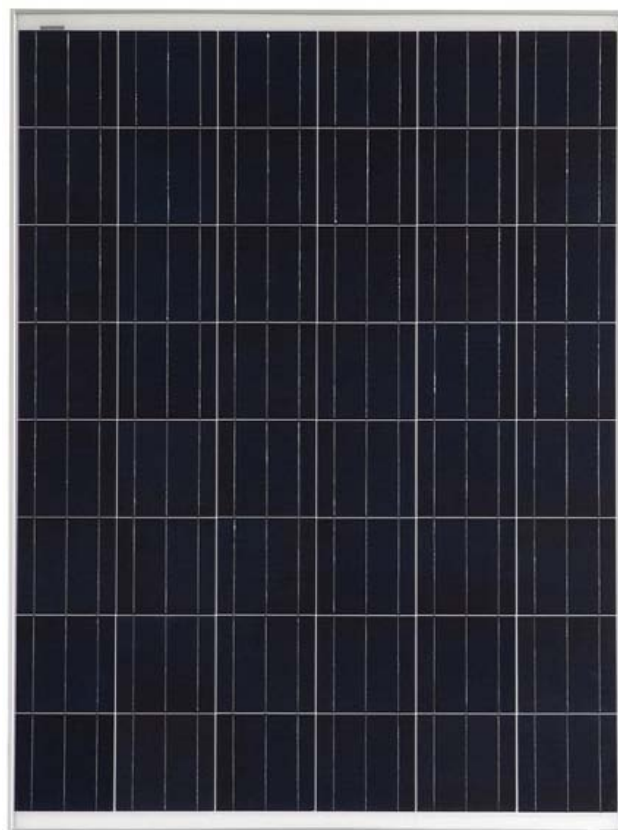
<b>Model(ZH150CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH150CE-24P</b>
Maximum Power(W)	150
Optimum Power Voltage(Vmp)	22.56
Optimum Operatige Current(Imp)	6.65
Open Circuit Voltage(Voc)	28.80
Short Circuit Current(Isc)	7.11
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Bypass Diode Rating(A)	12
Cell Efficiency (%)	12.84%
Module Efficiency (%)	11.39%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

## Model(ZH150CE-24P) 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



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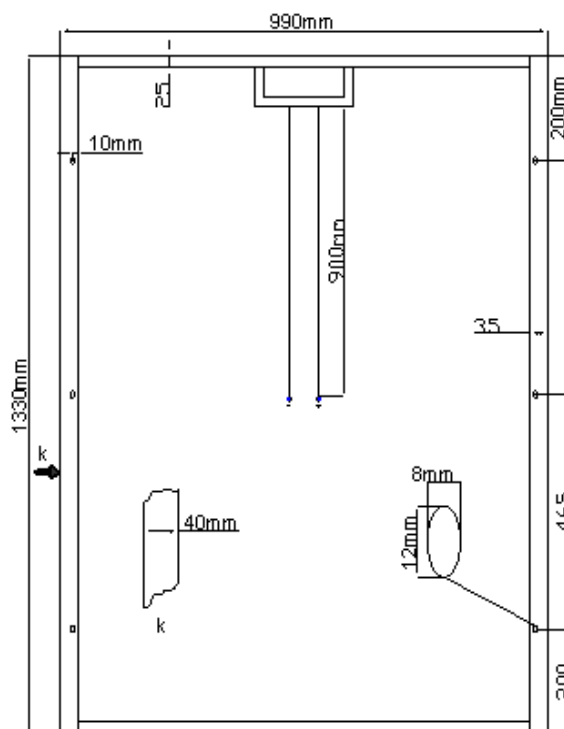
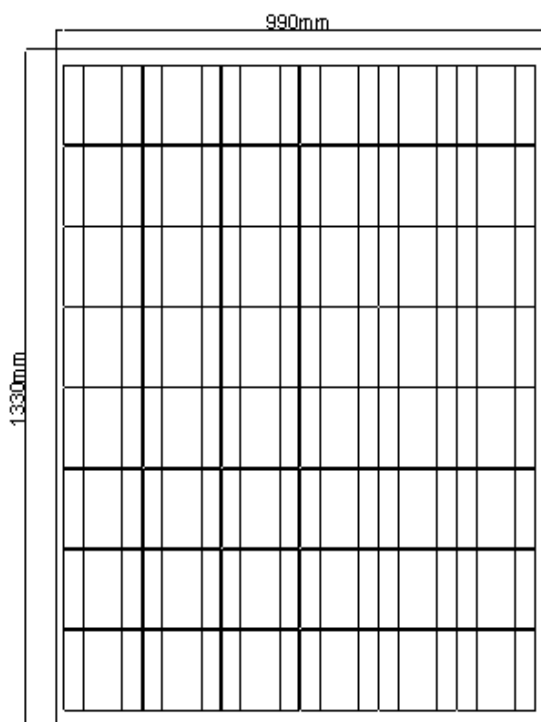
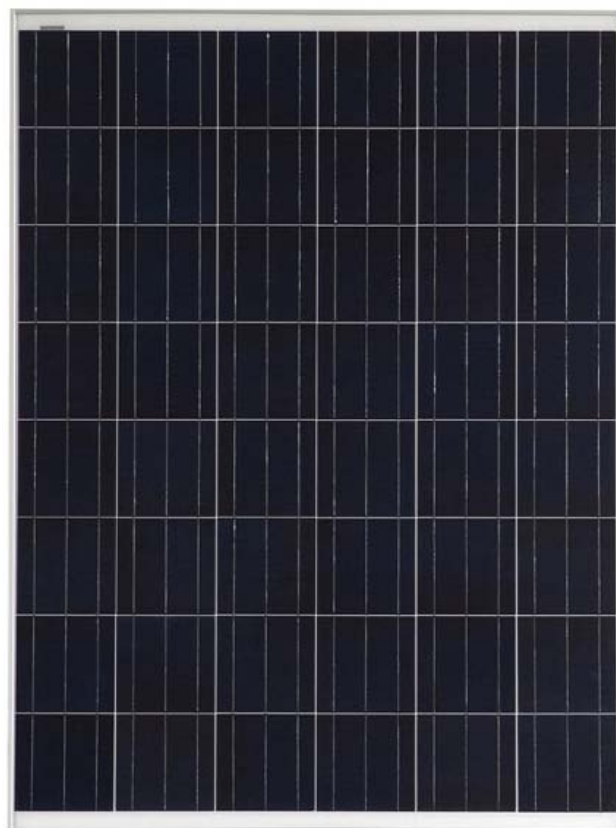
<b>Model(ZH155CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH155CE-24P</b>
Maximum Power(W)	155
Optimum Power Voltage(Vmp)	22.85
Optimum Operatige Current(Imp)	6.78
Open Circuit Voltage(Voc)	28.85
Short Circuit Current(Isc)	7.26
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	13.30%
Module Efficiency (%)	11.77%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

## Model(ZH155CE-24P) 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



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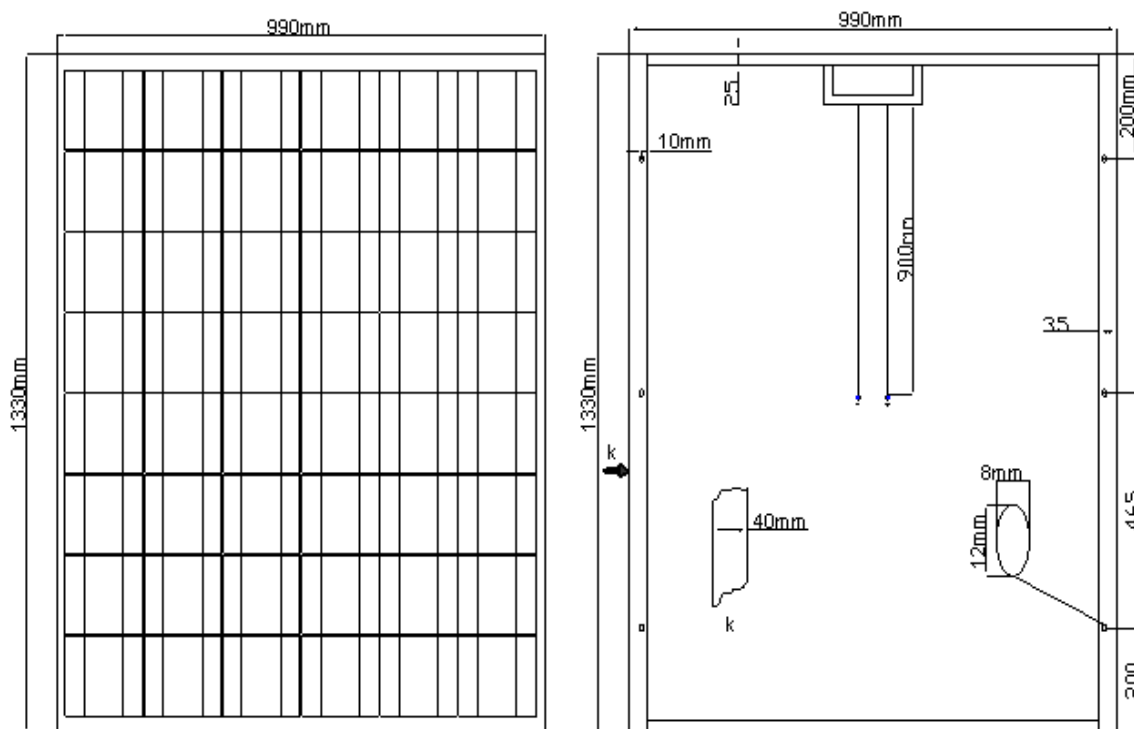
<b>Model(ZH160CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH160CE-24P</b>
Maximum Power(W)	160
Optimum Power Voltage(Vmp)	23.32
Optimum Operatige Current(Imp)	6.86
Open Circuit Voltage(Voc)	28.89
Short Circuit Current(Isc)	7.34
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	13.69%
Module Efficiency (%)	12.27%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

## Model(ZH160CE-24P) Specification

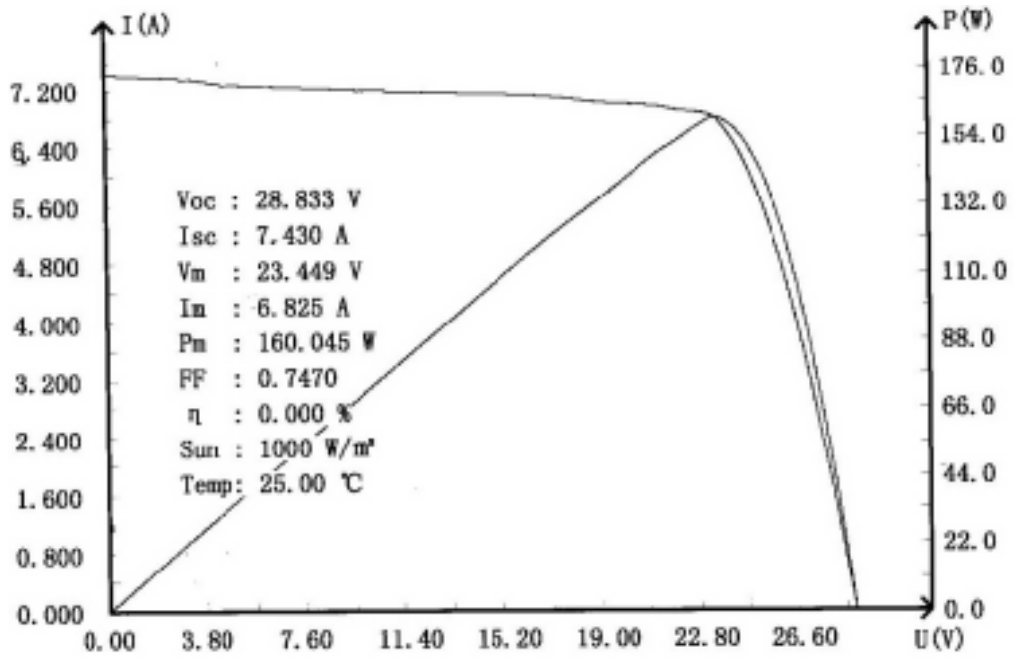
### Qixin Solar Module

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



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<b>Model(ZH165CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH165CE-24P</b>
Maximum Power(W)	165
Optimum Power Voltage(Vmp)	23.61
Optimum Operatige Current(Imp)	6.98
Open Circuit Voltage(Voc)	28.94
Short Circuit Current(Isc)	7.47
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	14.12%
Module Efficiency (%)	12.65%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

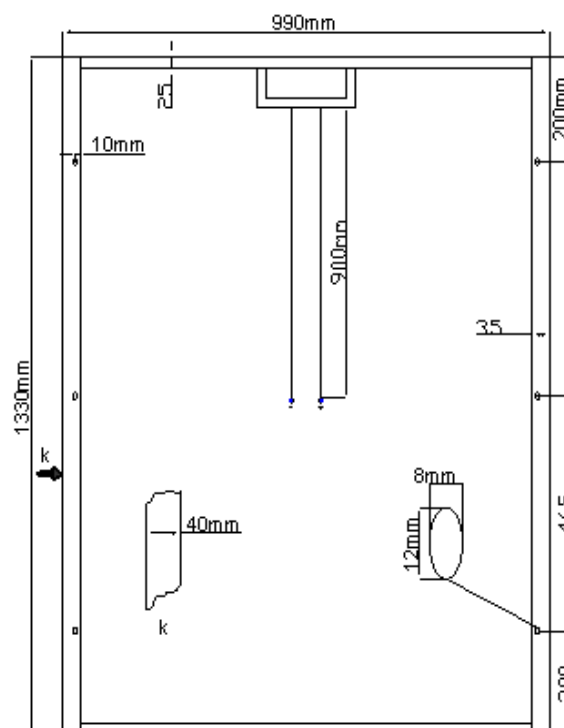
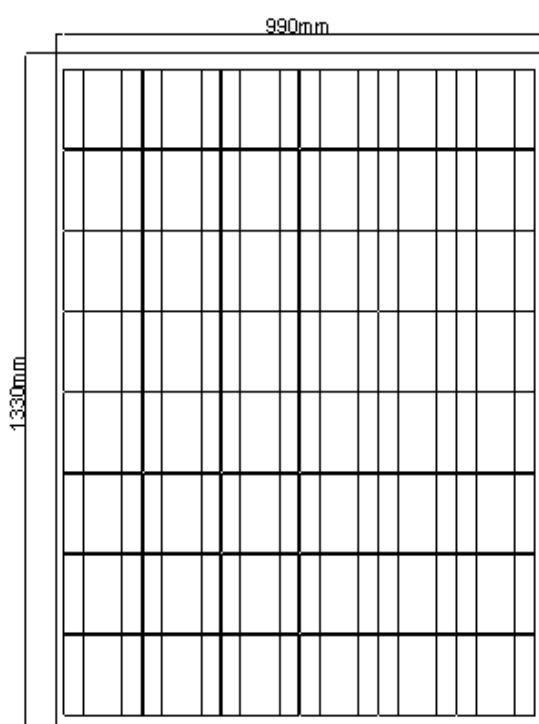


## Model(ZH165CE-24P) Specification

### 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





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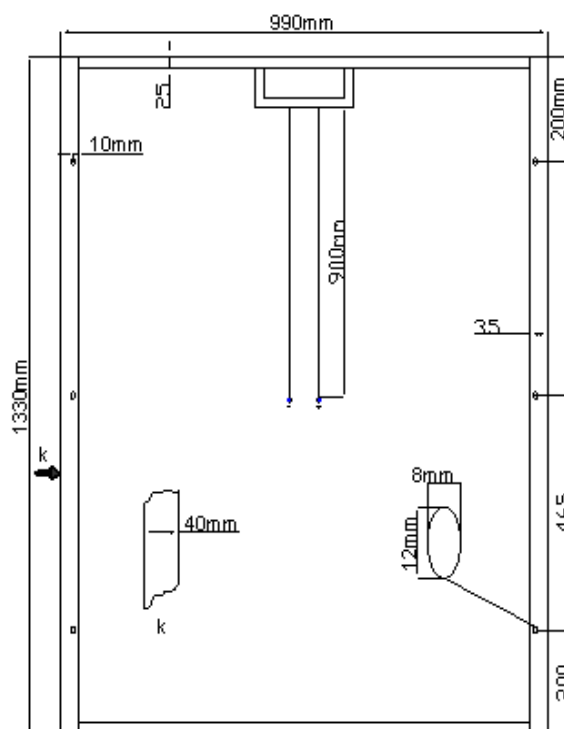
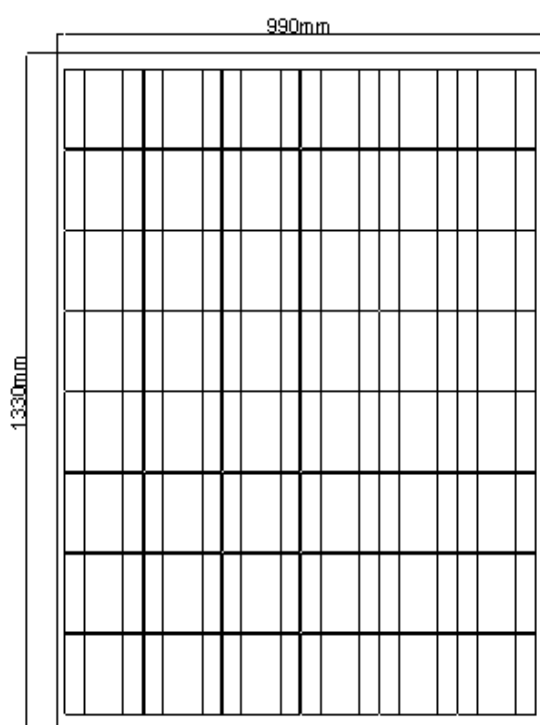
<b>Model(ZH170CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH170CE-24P</b>
Maximum Power(W)	170
Optimum Power Voltage(Vmp)	24.00
Optimum Operatige Current(Imp)	7.08
Open Circuit Voltage(Voc)	28.99
Short Circuit Current(Isc)	7.57
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	14.55%
Module Efficiency (%)	13.04%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

## Model(ZH170CE-24P) Specification

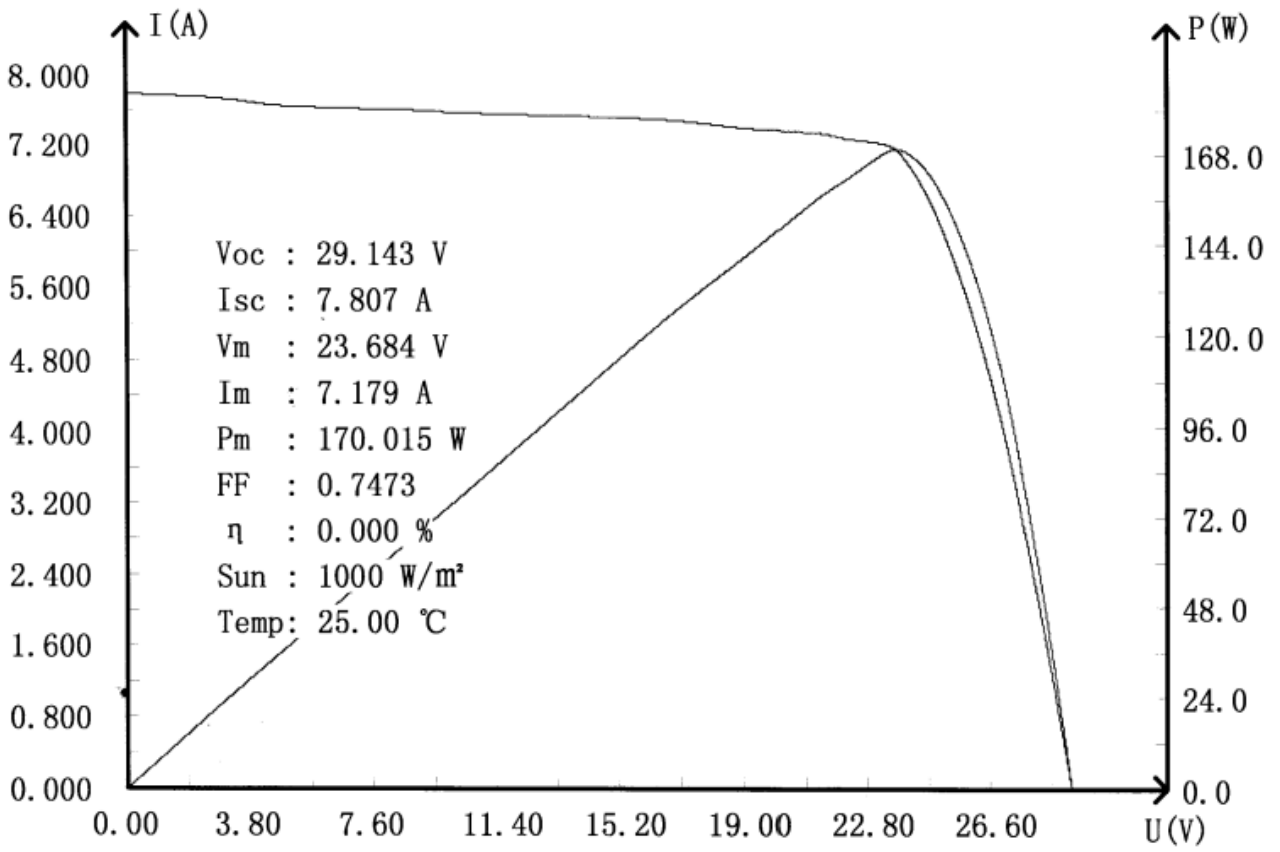
### ZhiHe Solar Module

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



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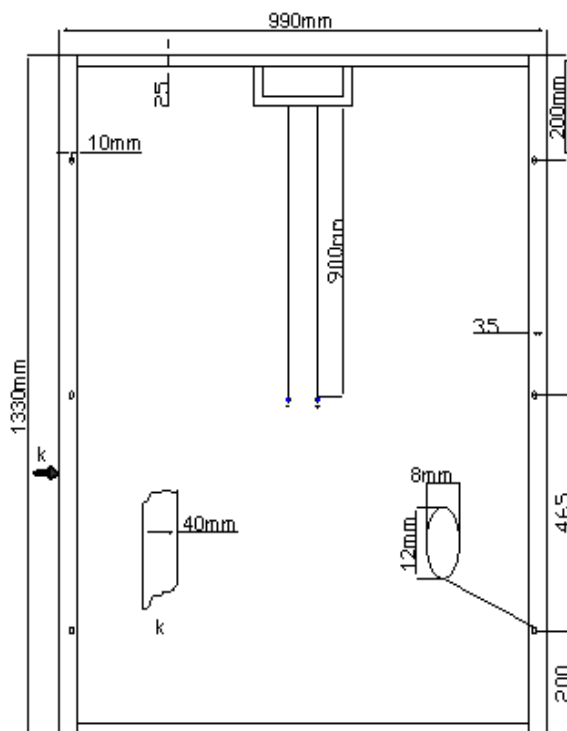
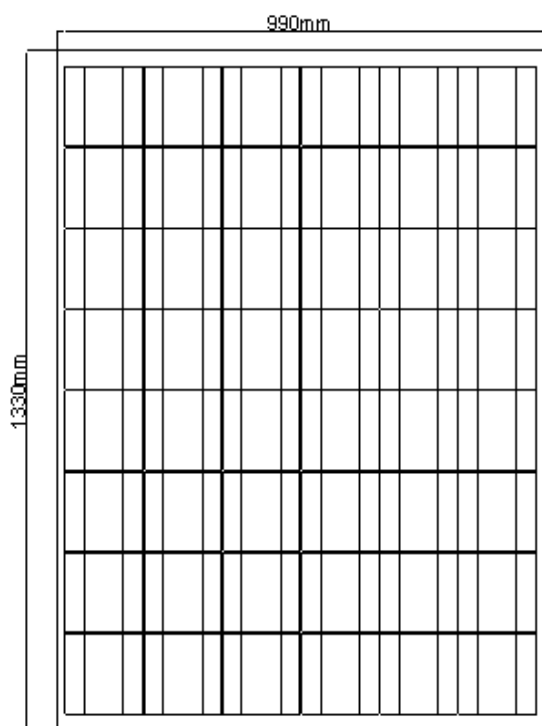
<b>Model(ZH175CE-24P)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH175CE-24P</b>
Maximum Power(W)	175
Optimum Power Voltage(Vmp)	24.00
Optimum Operatige Current(Imp)	7.29
Open Circuit Voltage(Voc)	28.99
Short Circuit Current(Isc)	7.80
Solar Cell:	156*156 Poly
Number of Cell(pcs)	6*8
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1330*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)	16.4
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	14.98%
Module Efficiency (%)	13.42%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

## Model(ZH175CE-24P) 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

