



SHENZHEN ZHIHE SLOAR ELECTORIC CO.,Ltd

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

Web:www.zhihesolar.com

Model(ZH150CE-36M)Specifications	
ITEM NO.:	ZH150CE-36M
Maximum Power(W)	150
Optimum Power Voltage(Vmp)	34.06
Optimum Operatige Current(Imp)	4.40
Open Circuit Voltage(Voc)	43.70
Short Circuit Current(Isc)	4.71
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Bypass Diode Rating(A)	12
Cell Efficiency (%)	14.00%
Module Efficiency (%)	11.74%
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%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'STD	30 Pallets / 810pcs



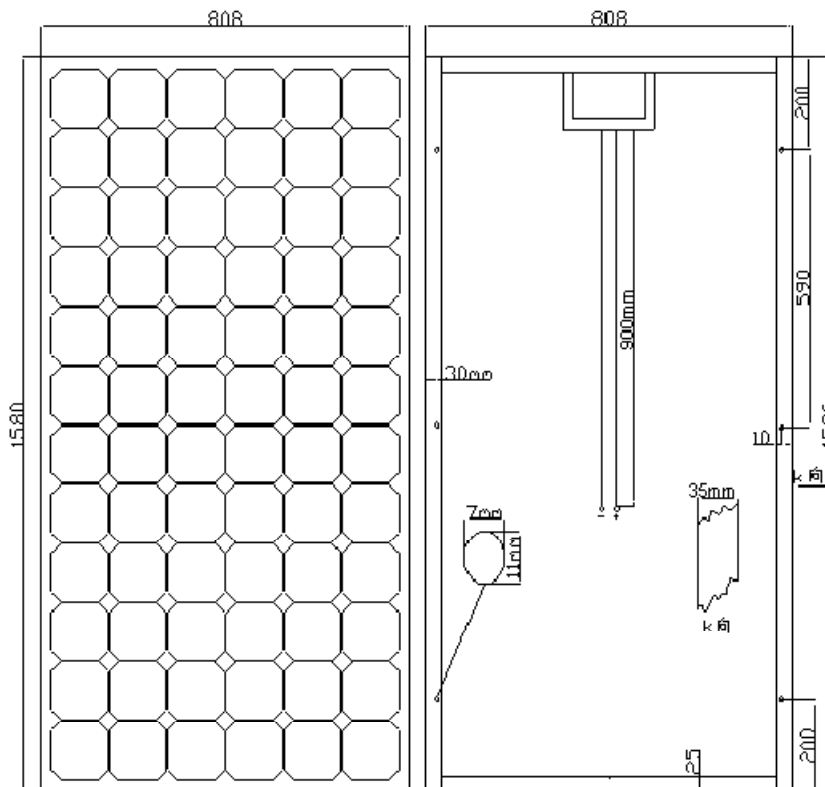
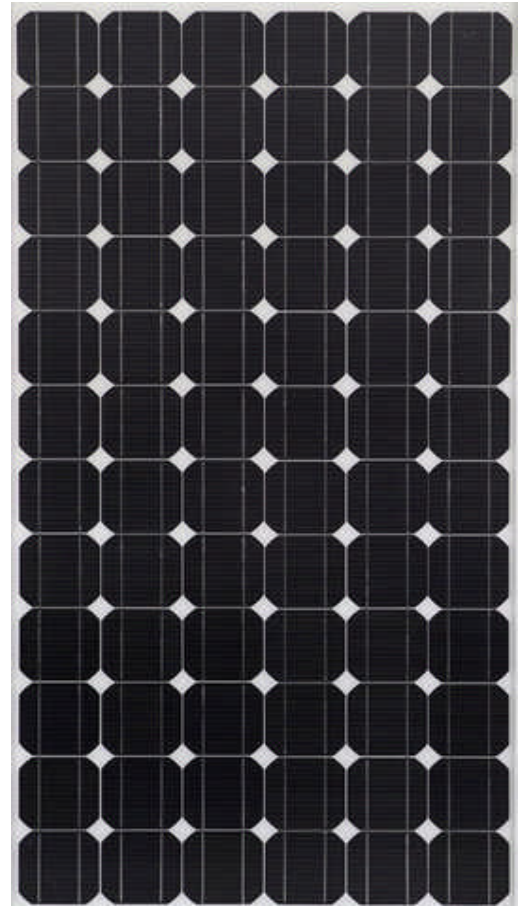
SHENZHEN ZHIHE SLOAR ELECTORIC CO.,Ltd

Model(ZH150CE-36M) Specification

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





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Model(ZH155CE-36M)Specifications	
ITEM NO.:	ZH155CE-36M
Maximum Power(W)	155
Optimum Power Voltage(Vmp)	34.70
Optimum Operatige Current(Imp)	4.47
Open Circuit Voltage(Voc)	43.77
Short Circuit Current(Isc)	4.78
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	14.50%
Module Efficiency (%)	12.14%
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%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'STD	30 Pallets / 810pcs



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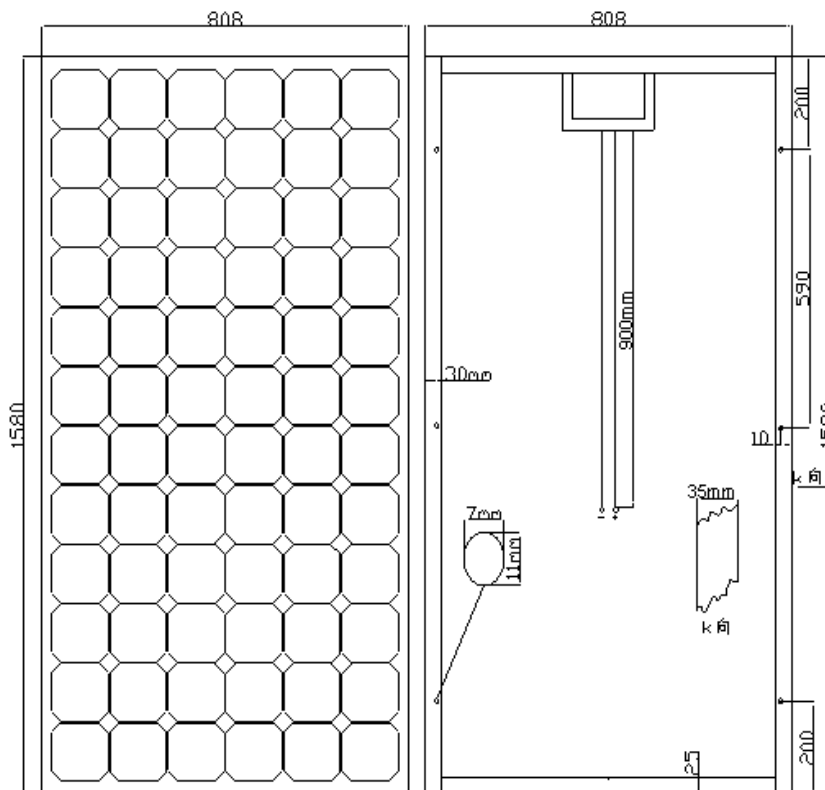
Model(ZH155CE-36M)

Specification

ZhiHeSolar 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





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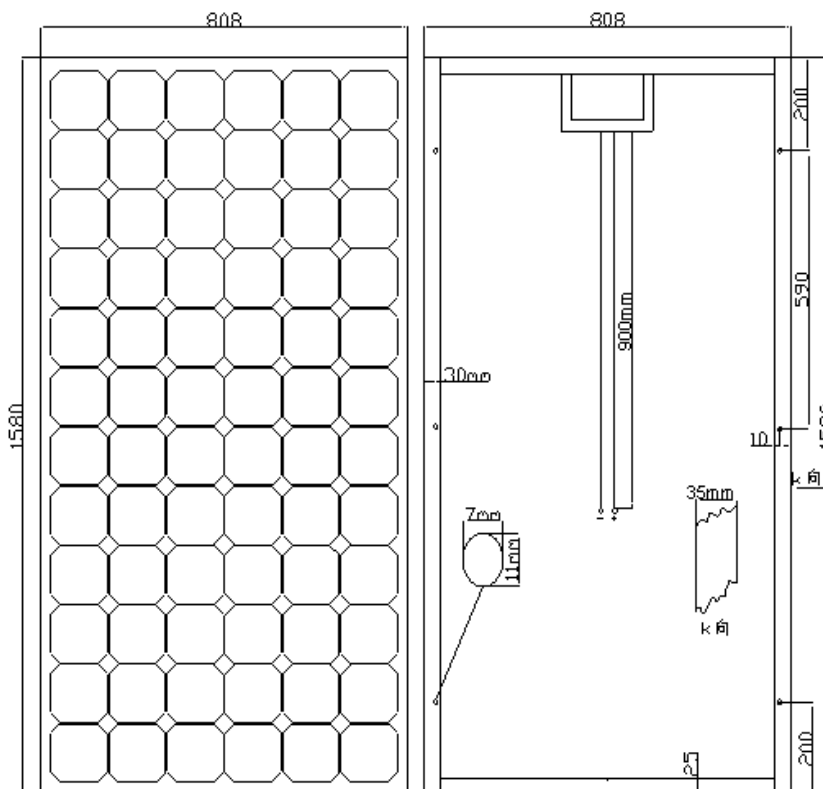
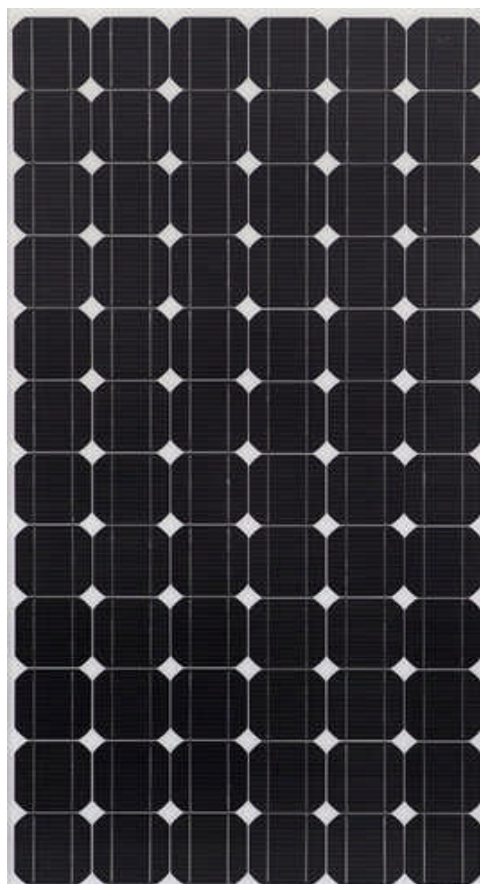
Model(ZH160CE-36M)Specifications	
ITEM NO.:	ZH160CE-36M
Maximum Power(W)	160
Optimum Power Voltage(Vmp)	35.28
Optimum Operatige Current(Imp)	4.53
Open Circuit Voltage(Voc)	43.84
Short Circuit Current(Isc)	4.85
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	15.07%
Module Efficiency (%)	12.53%
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%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'STD	30 Pallets / 810pcs

Model(ZH160CE-36M)
Specification

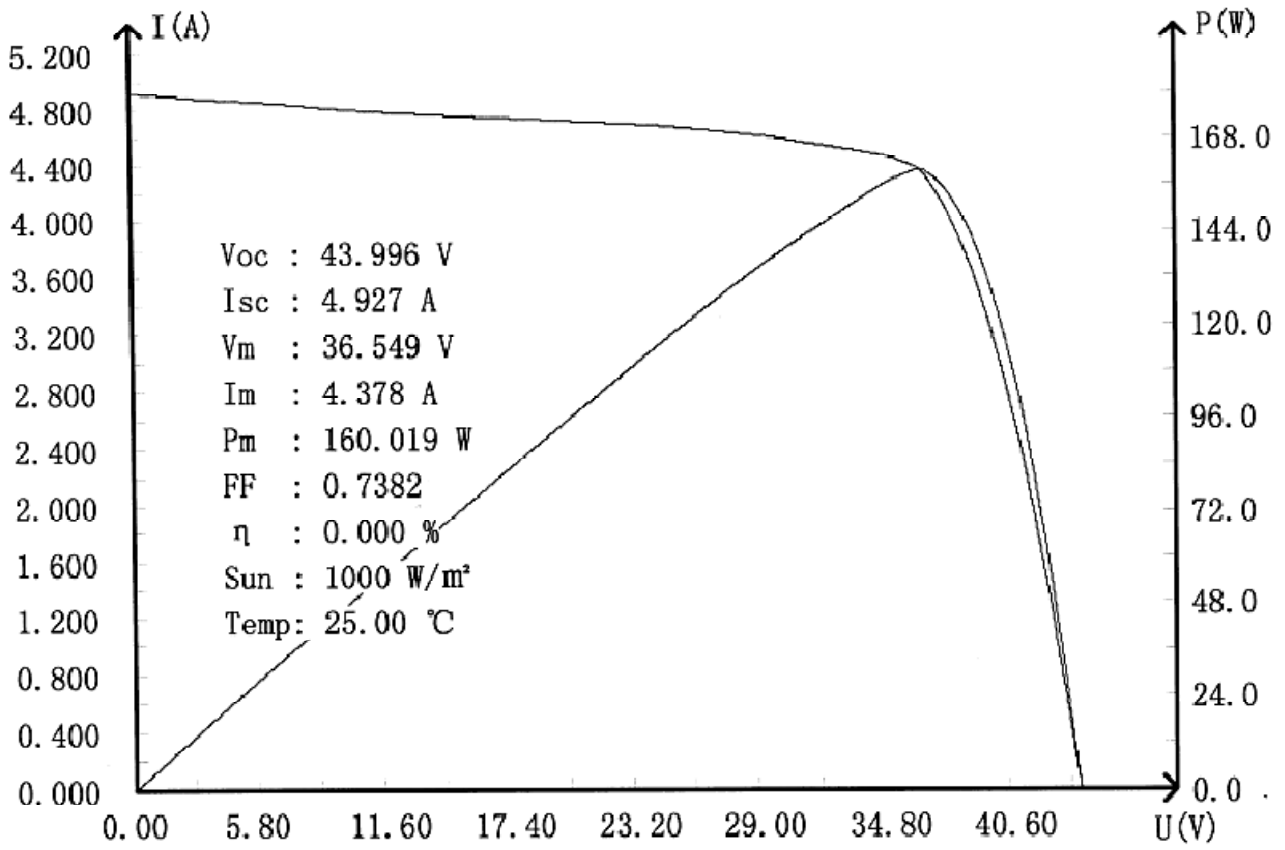
ZhiHe Solar Module

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



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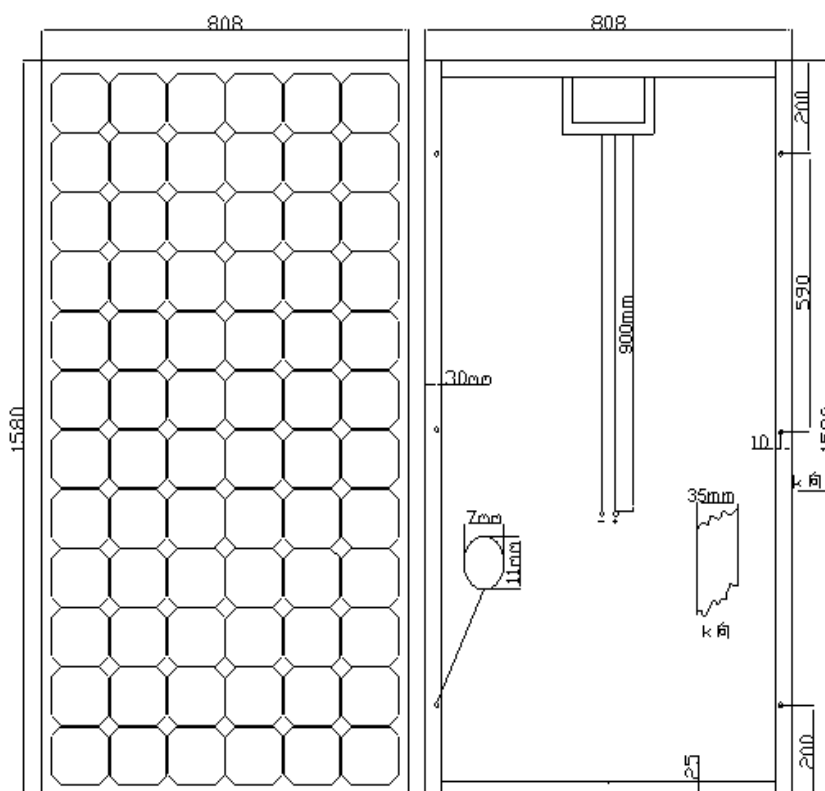
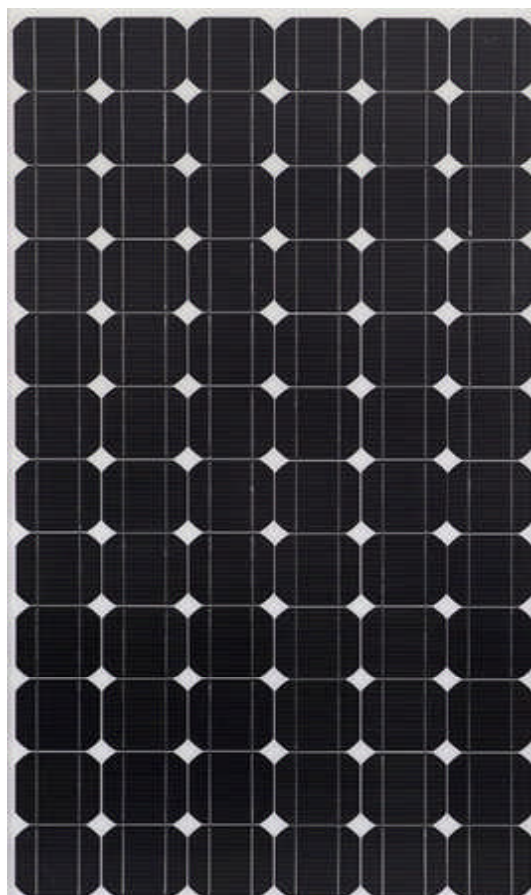
Model(ZH165CE-36M)Specifications	
ITEM NO.:	ZH65CE-36M
Maximum Power(W)	165
Optimum Power Voltage(Vmp)	35.85
Optimum Operatige Current(Imp)	4.60
Open Circuit Voltage(Voc)	43.99
Short Circuit Current(Isc)	4.92
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	15.54%
Module Efficiency (%)	12.92%
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%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'STD	30 Pallets / 810pcs

**Model(ZH165CE-36M)
 Specification**

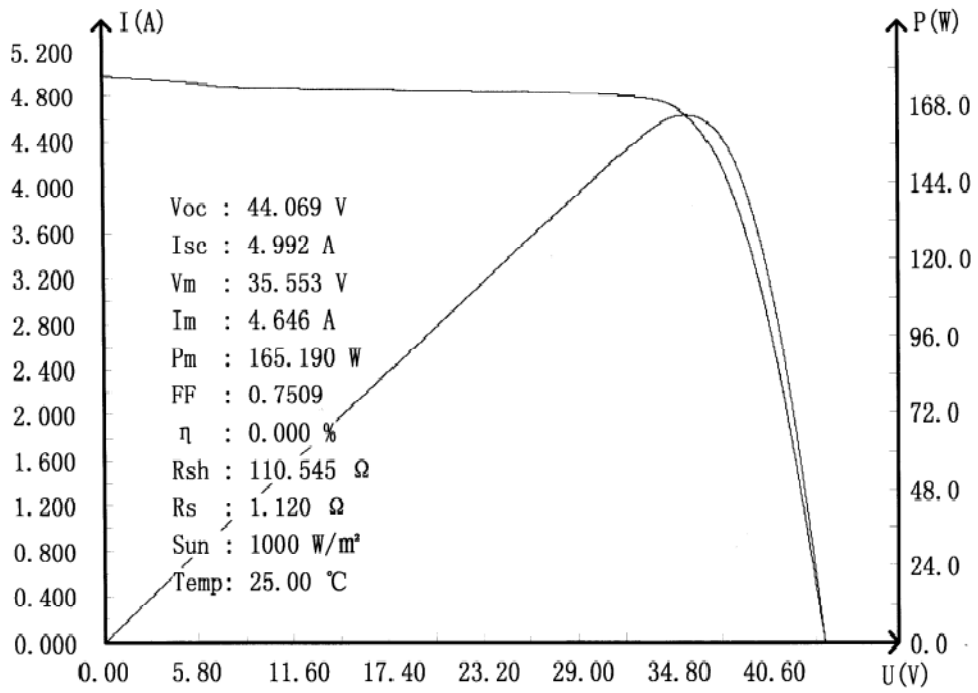
ZhiHe Solar Module

**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



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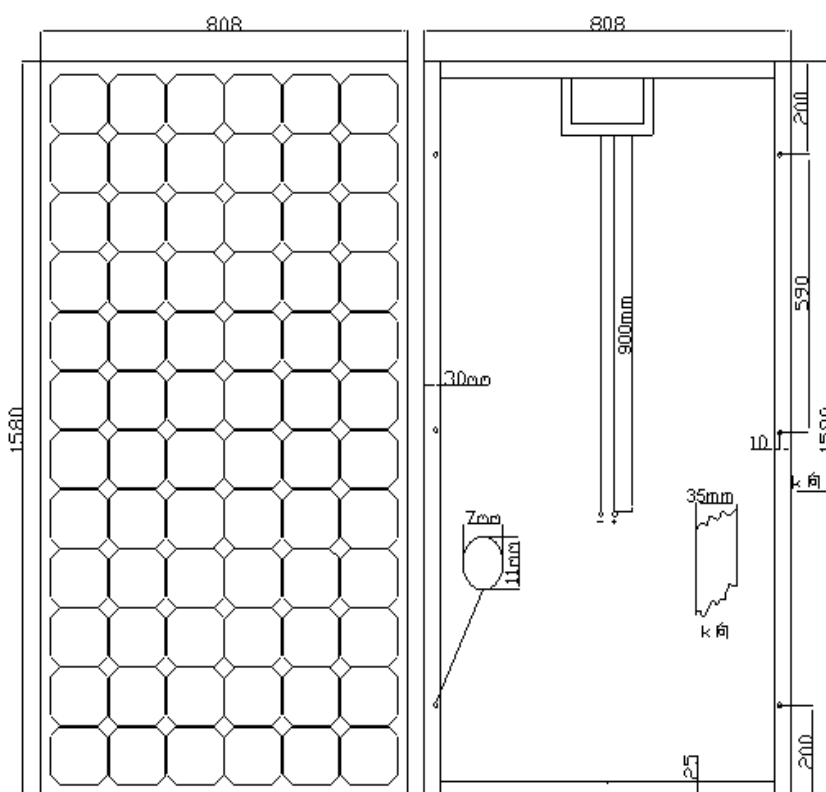
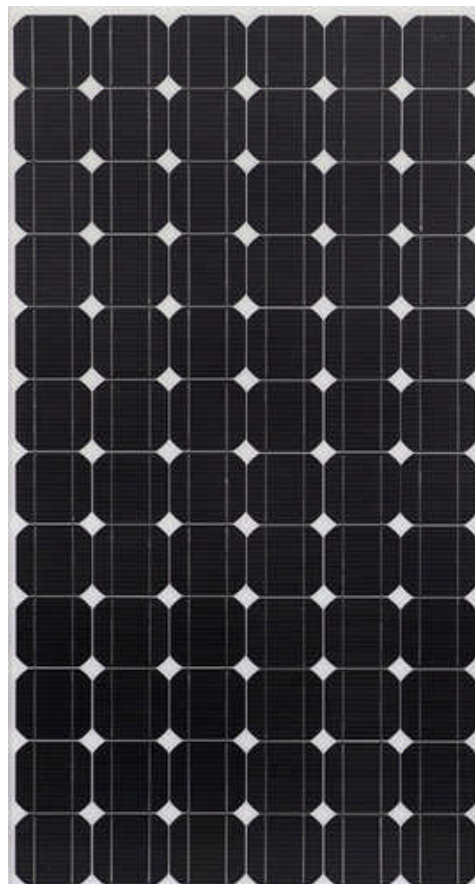
Model(ZH170CE-36M)Specifications	
ITEM NO.:	ZH170CE-36M
Maximum Power(W)	170
Optimum Power Voltage(Vmp)	36.57
Optimum Operatige Current(Imp)	4.64
Open Circuit Voltage(Voc)	44.13
Short Circuit Current(Isc)	4.97
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	16.01%
Module Efficiency (%)	13.31%
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%
Packing	Wooden box
1*20'	14Pallets / 372pcs
1*40'STD	30 Pallets / 810pcs

Model(ZH170CE-36M) Specification

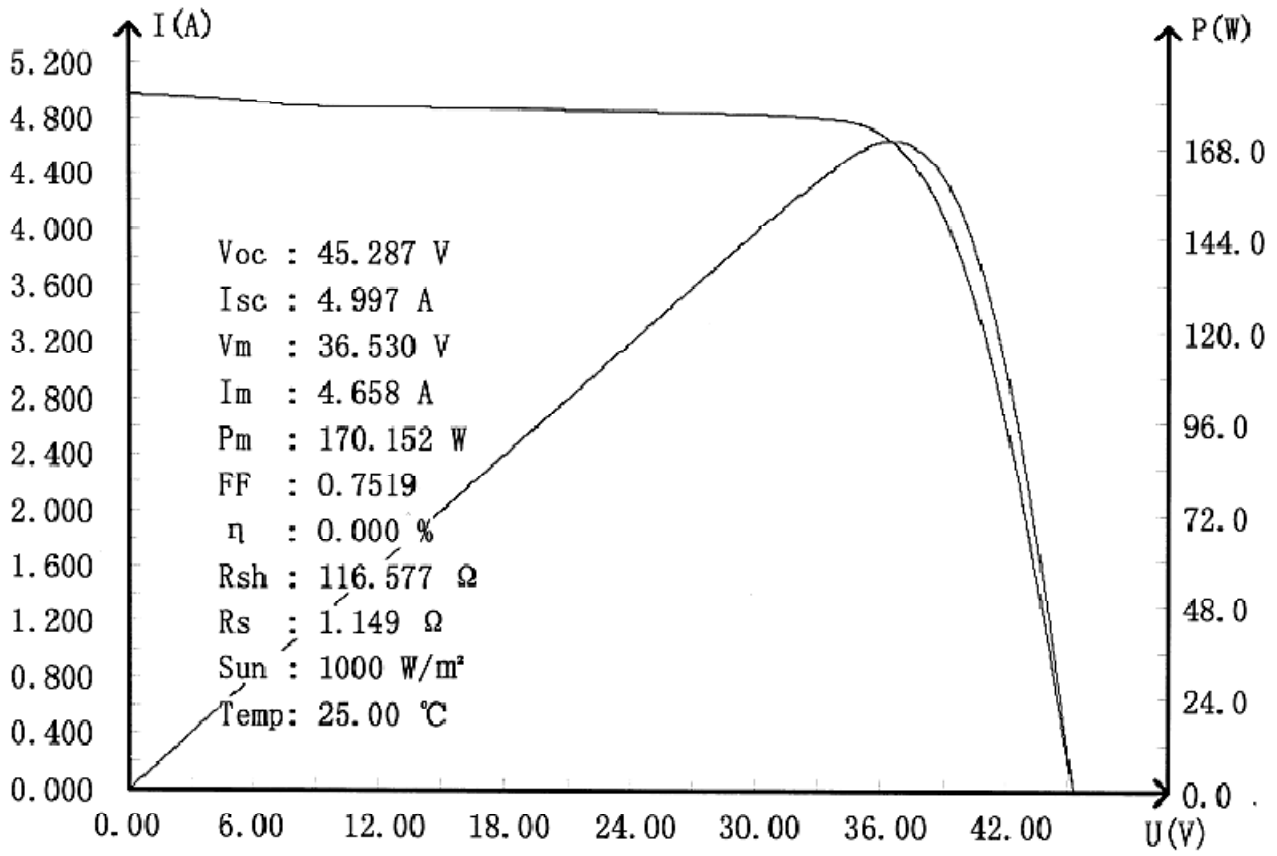
ZhiHe Solar Module

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



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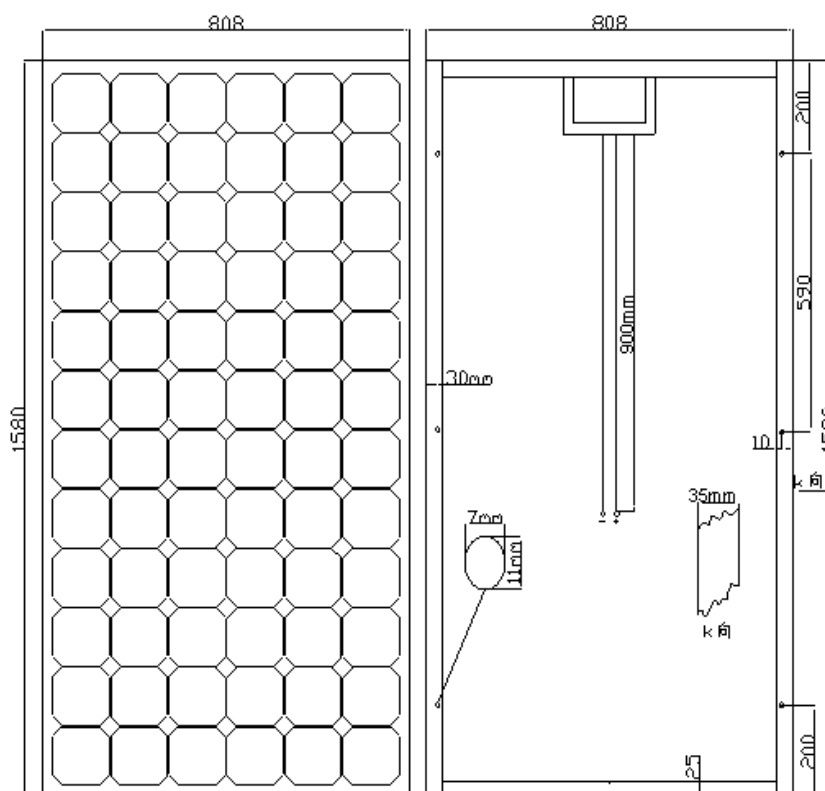
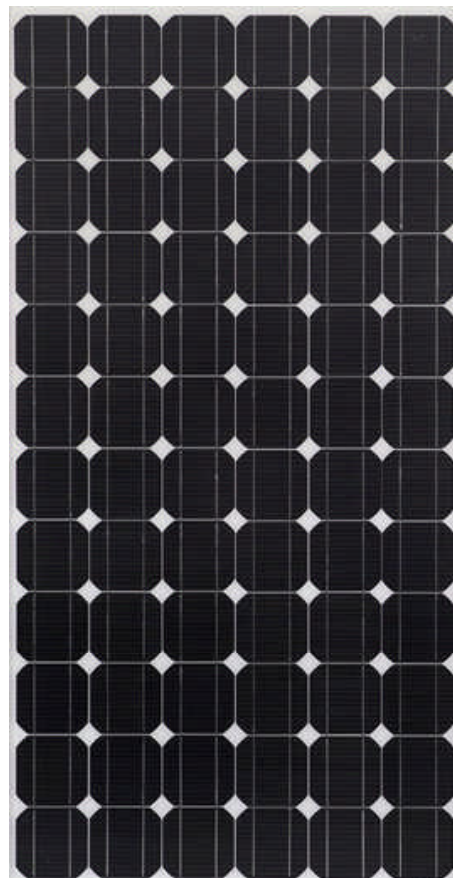
Model(ZH175CE-36M)Specifications	
ITEM NO.:	ZH175CE-36M
Maximum Power(W)	175
Optimum Power Voltage(Vmp)	37.29
Optimum Operatige Current(Imp)	4.69
Open Circuit Voltage(Voc)	44.28
Short Circuit Current(Isc)	5.02
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	16.48%
Module Efficiency (%)	13.70%
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%
Packing	Wooden box
1*20'	14Pallets / 372pcs
1*40'STD	30 Pallets / 810pcs

Model(ZH175CE-36M) Specification

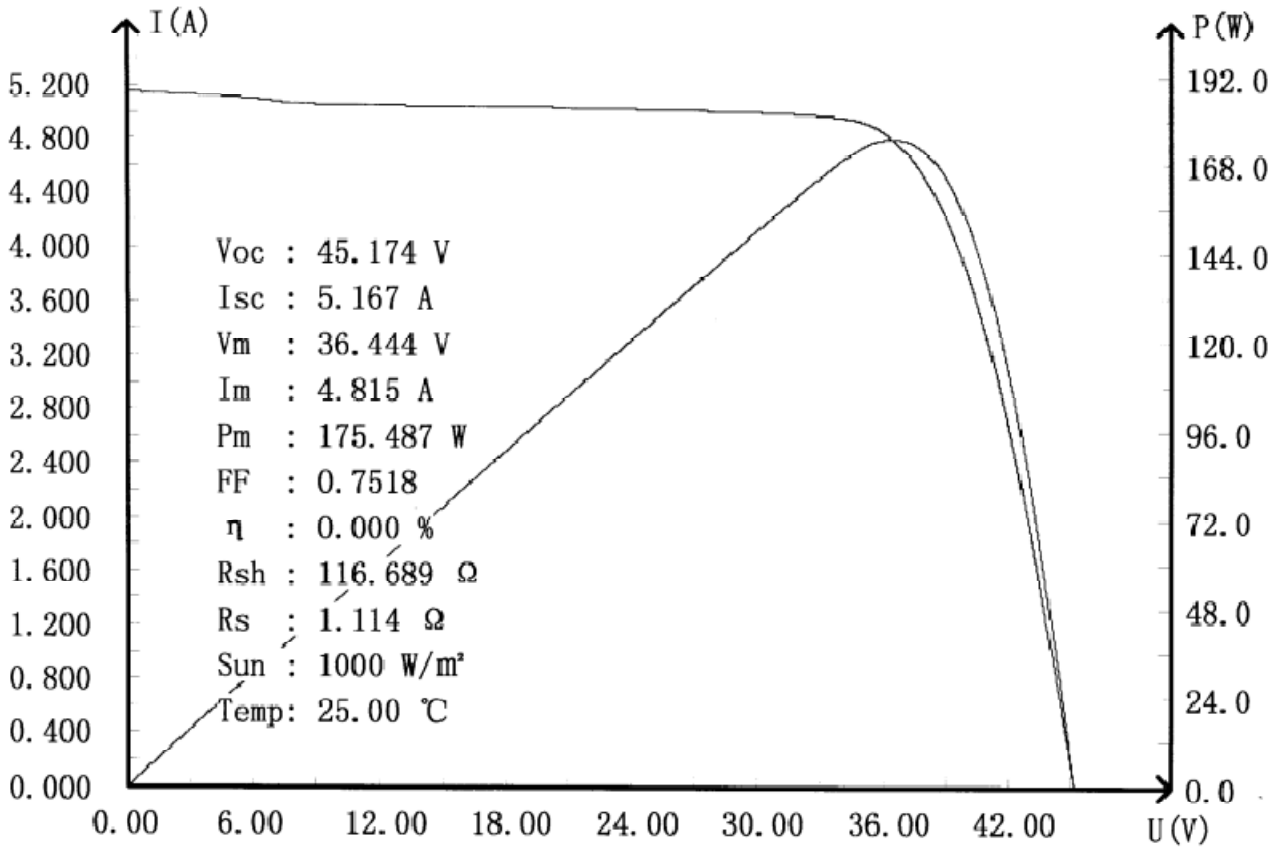
ZhiHe Solar Module

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



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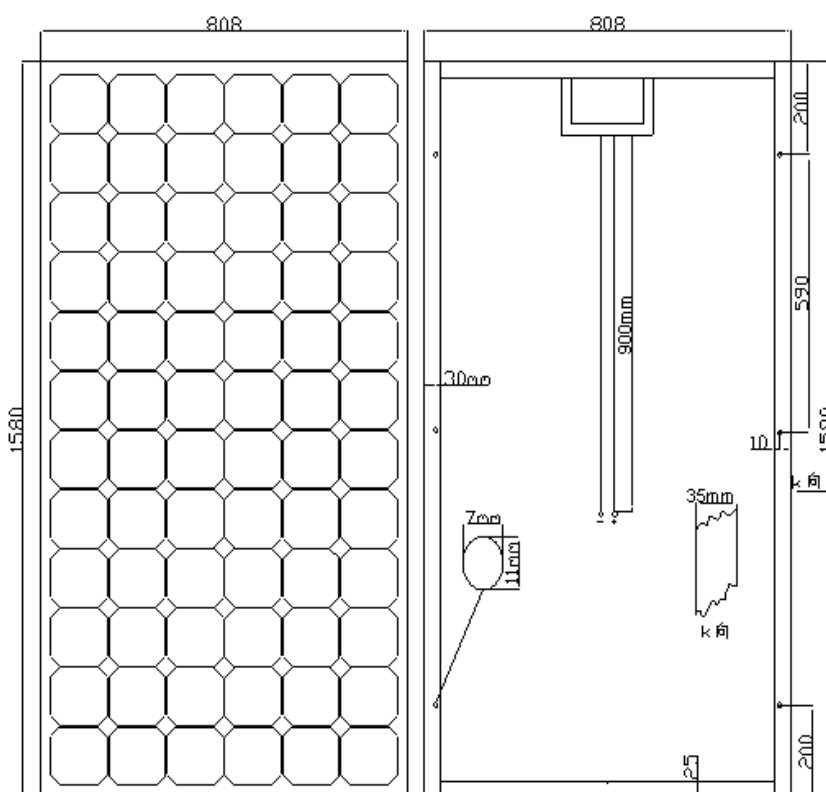
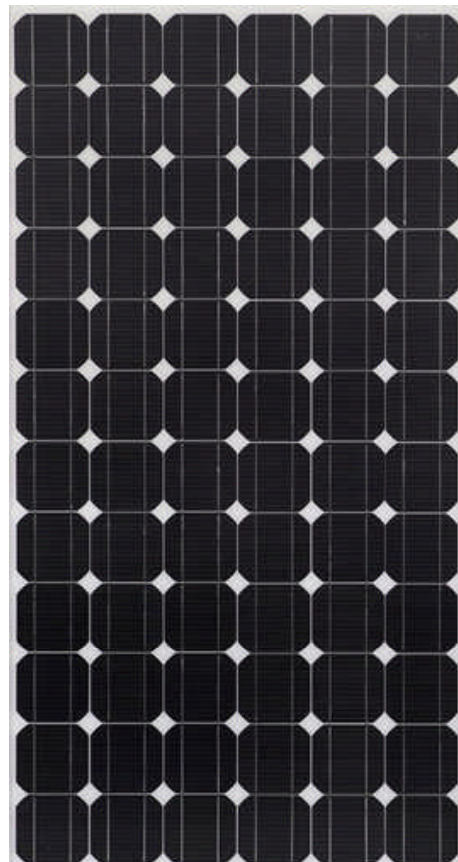
Model(ZH180CE-36M)Specifications	
ITEM NO.:	ZH180CE-36M
Maximum Power(W)	180
Optimum Power Voltage(Vmp)	37.72
Optimum Operatige Current(Imp)	4.77
Open Circuit Voltage(Voc)	44.71
Short Circuit Current(Isc)	5.10
Solar Cell:	125*125 Mono
Number of Cell(pcs)	6*12
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1580*808*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)	15.00
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Cell Efficiency (%)	16.96%
Module Efficiency (%)	14.09%
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%
Packing	Wooden box
1*20'	14Pallets / 364pcs
1*40'HQ	30 Pallets / 810pcs

Model(ZH180CE-36M) Specification

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



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