

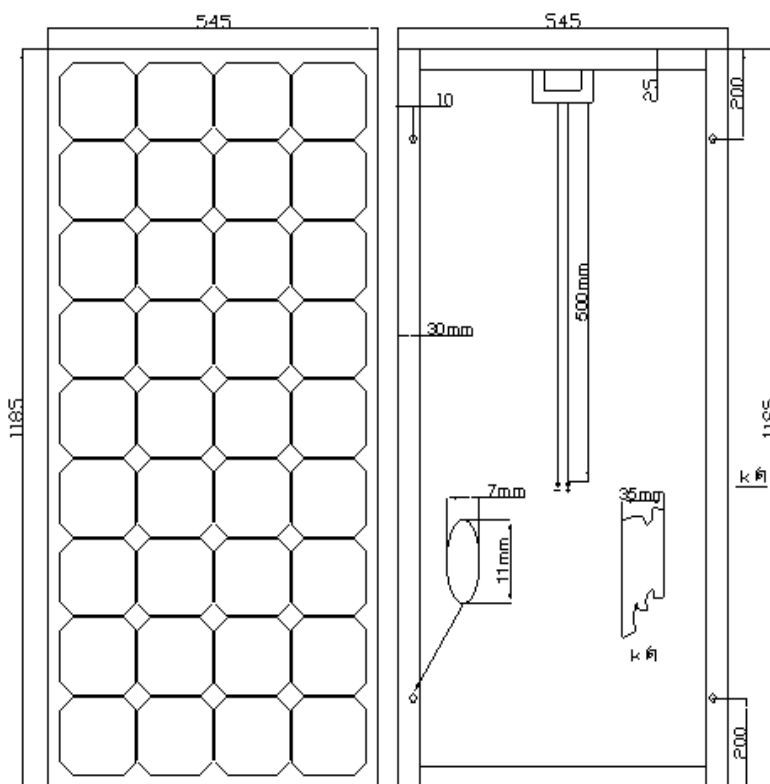
<b>Model(ZH65CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH65CE-18M</b>
Maximum Power(W)	65
Optimum Power Voltage(Vmp)	16.24
Optimum Operatige Current(Imp)	4.00
Open Circuit Voltage(Voc)	21.74
Short Circuit Current(Isc)	4.28
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	12.50%
Module Efficiency (%)	10.06%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

## Model(ZH65CE-18M) 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



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

Web:www.zhihesolar.com

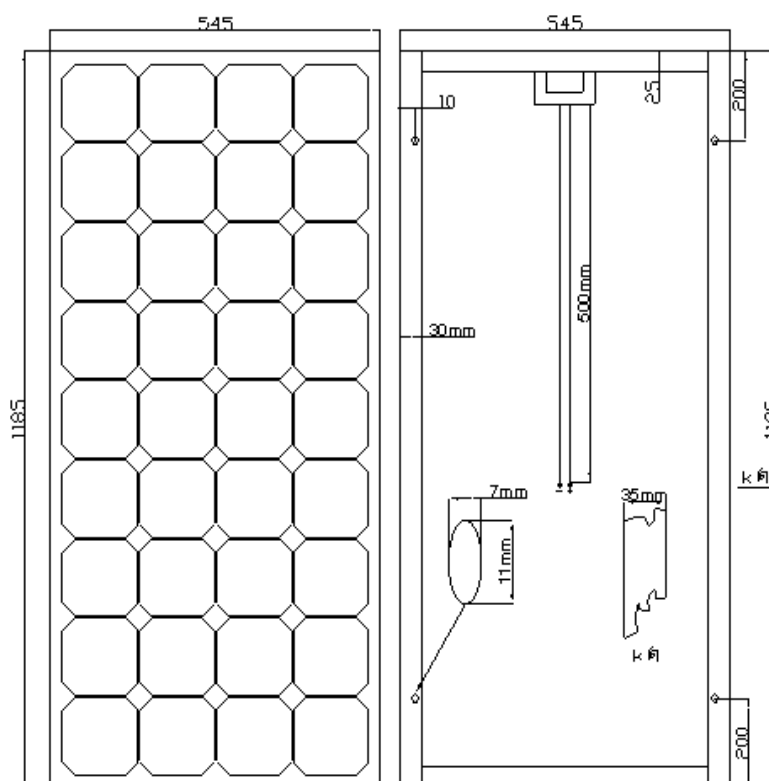
<b>Model(ZH70CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH70CE-18M</b>
Maximum Power(W)	70
Optimum Power Voltage(Vmp)	16.67
Optimum Operatige Current(Imp)	4.20
Open Circuit Voltage(Voc)	21.81
Short Circuit Current(Isc)	4.49
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	13.30%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

## Model(ZH70CE-18M) 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



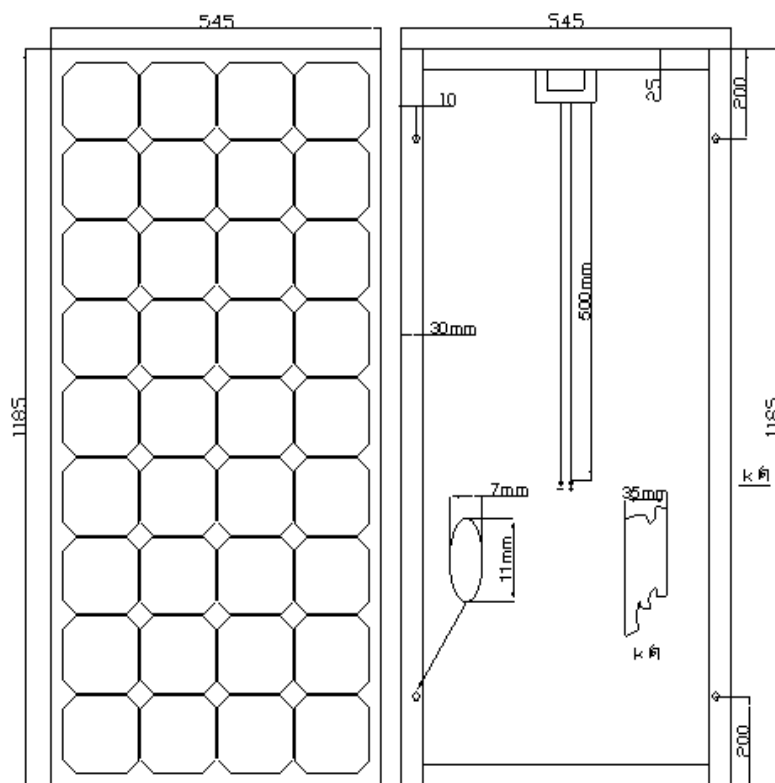
<b>Model(ZH75CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH75CE-18M</b>
Maximum Power(W)	75
Optimum Power Voltage(Vmp)	17.02
Optimum Operatige Current(Imp)	4.41
Open Circuit Voltage(Voc)	21.85
Short Circuit Current(Isc)	4.72
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	14.00%
Module Efficiency (%)	11.61%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

## Model(ZH75CE-18M) 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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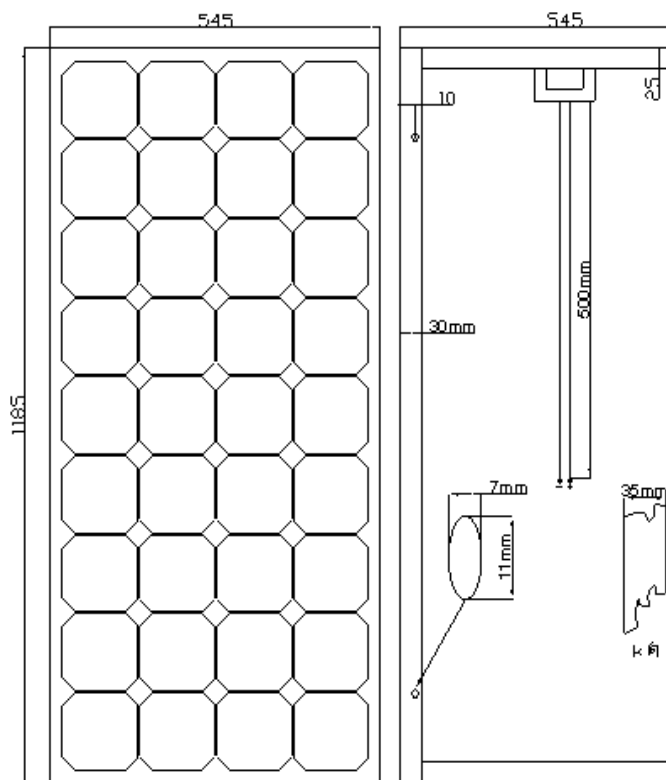
<b>Model(ZH80CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH80CE-18M</b>
Maximum Power(W)	80
Optimum Power Voltage(Vmp)	17.64
Optimum Operatige Current(Imp)	4.54
Open Circuit Voltage(Voc)	21.92
Short Circuit Current(Isc)	4.85
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	15.00%
Module Efficiency (%)	12.38%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

## Model(ZH80CE-18M) Specification

### ZhiHe Solar Module

Using high quality materials to provide  
high quality solar modules

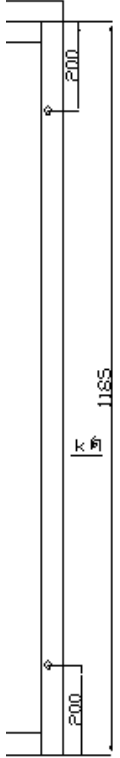
- 1.Solar cells:Jetion cells
- 2.Glass:Flat's from Shanghai
- 3.EVA:First Hot-Melt Adhesive from Hangzhou  
China
- 4.TPT:Jolywood from Suzhou China
- 5.Junction box and connectors:GZX from  
Cixi,China or Renhe from Cixi,China
- 6.Silica gel:Dow Corning





## IV Curve





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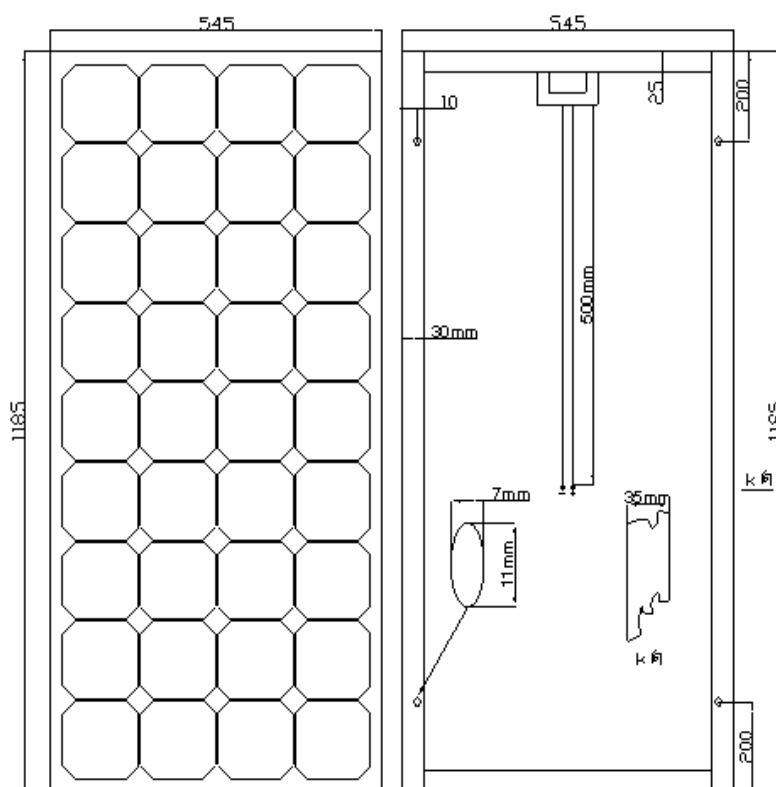
<b>Model(ZH85CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH85CE-18M</b>
Maximum Power(W)	85
Optimum Power Voltage(Vmp)	18.28
Optimum Operatige Current(Imp)	4.64
Open Circuit Voltage(Voc)	22.06
Short Circuit Current(Isc)	4.97
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	16.00%
Module Efficiency (%)	13.16%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

## Model(ZH85CE-18M) 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



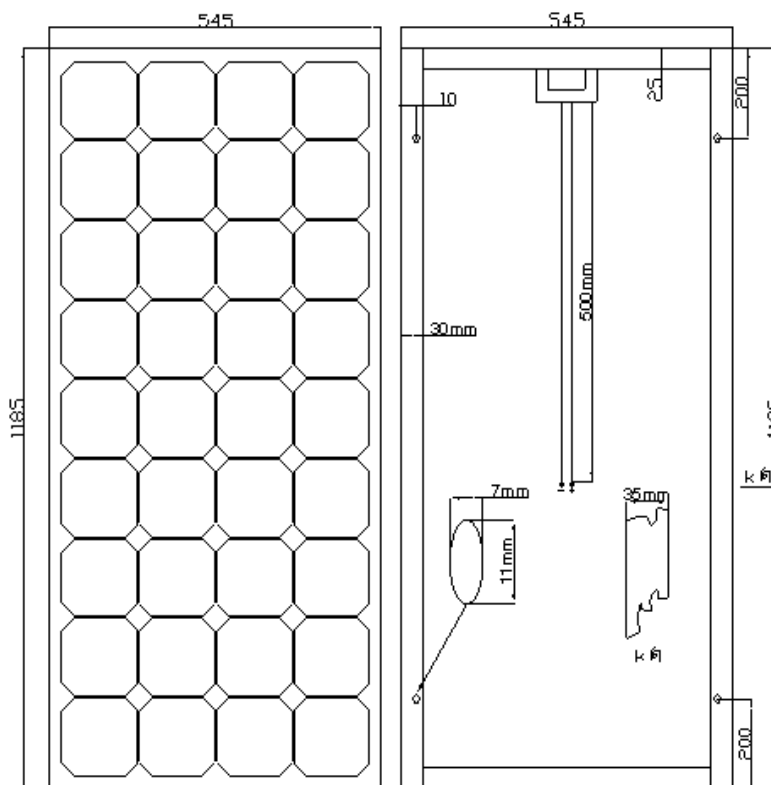
<b>Model(ZH90CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH90CE-18M</b>
Maximum Power(W)	90
Optimum Power Voltage(Vmp)	18.86
Optimum Operatige Current(Imp)	4.77
Open Circuit Voltage(Voc)	22.35
Short Circuit Current(Isc)	5.10
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	17.00%
Module Efficiency (%)	13.93%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

# Model(ZH90CE-18M) 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



<b>Model(ZH95CE-18M)Specifications</b>	
<b>ITEM NO.:</b>	<b>ZH95CE-18M</b>
Maximum Power(W)	95
Optimum Power Voltage(Vmp)	19.15
Optimum Operatige Current(Imp)	4.96
Open Circuit Voltage(Voc)	22.50
Short Circuit Current(Isc)	5.30
Solar Cell:	125*125Mono
Number of Cell(pcs)	4*9
Brand Name of Solar Cells	Jetion Cell
Size of Module(mm)	1185*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)	10
Bypass Diode Rating(A)	10
Cell Efficiency (%)	18.00%
Module Efficiency (%)	14.70%
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 <sup>2</sup> 25 +/-2°C
FF (%)	70-76%



# Model(ZH95CE-18M) Specification

## ZhiHe Solar Module

Using high quality materials to provide  
high quality solar modules

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- 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

