

# Power Your Life!

**LISHEN**  
Power Your Life!



## LS572M Monocrystalline Silicon Solar Module

180W | 185W | 190W | 195W | 200W

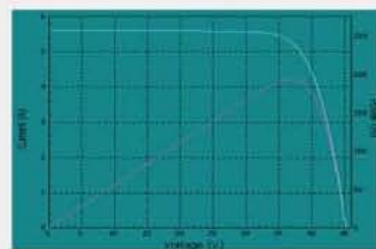
### Features and HighLights



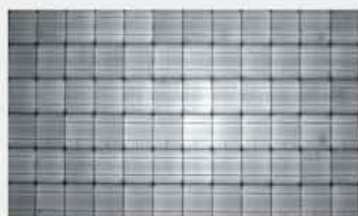
Adopting first-class laminators can ensure temperature uniformity and EVA crosslinking degree of the solar modules.



Clamp connection inside, beautiful appearance.



Use 3A-level solar simulator can guarantee testing accuracy and stability( $\leq 0.5\%$ ).



100% EL tests before and after lamination can effectively stop the defective products with micro cracks.



2400Pa wind load test and 5400Pa snow load test can assure the safety of solar module in the windy and snowy days.



Advanced environmental test chamber can do DH (85% RH, 85°C), TC200, HF test, which can verify reliability of product.



Product warranty



Performance assurance



Recycling program



Positive tolerance



Snow load test



**TIANJIN LISHEN BATTERY JOINT-STOCK CO.,LTD.**

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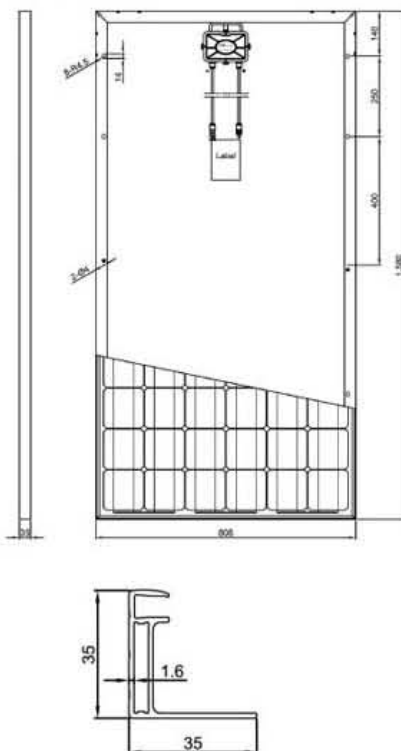
# LS572M Monocrystalline Silicon Solar Module

## Electrical Characteristics

Maximum power (Pm)	180W	185W	190W	195W	200W
Voltage at max. power (V)	36.4V	36.6V	36.8V	37.0V	37.2V
Current at max. power (A)	4.95A	5.06A	5.17A	5.27A	5.38A
Open-circuit voltage (V)	44.7V	44.7V	44.9V	45.1V	45.3V
Short-circuit current (A)	5.32A	5.44A	5.54A	5.63A	5.72A
Power Temp.Coeff ( / °C)	-0.43%				
Current Temp.Coeff ( / °C)	0.036%				
Voltage Temp.Coeff ( / °C)	-0.32%				
Ambient Temp ( / °C)	-40~85				
Series Fuse Rating (A)	12				
power tolerance	0~+3%				
NOCT	46°C ± 2				
Max-System Voltage	1000 V DC(IEC)/600 V DC(UL)				

STC 1000W/m<sup>2</sup>, AM 1.5 and 25°C cell temperature; NOCT Nominal Operating Cell Temperature

## Dimension



## Electrical Characteristics in Different Light Intensity

Irradiation	max. power (Pm)	voltage at max. power (V)	current at max. power (A)	open-circuit voltage (V)	short-circuit current (A)
1000W/m <sup>2</sup>	190 W	36.8 V	5.17 A	44.9 V	5.54 A
800W/m <sup>2</sup>	152 W	36.8 V	4.14 A	44.4 V	4.43 A
600W/m <sup>2</sup>	114 W	36.7 V	3.12 A	43.8 V	3.33 A
400W/m <sup>2</sup>	76 W	36.5 V	2.08 A	43.0 V	2.21 A
200W/m <sup>2</sup>	37 W	35.9 V	1.03 A	41.5 V	1.09 A

## Mechanical Characteristics

Cell typical and quantity	72pcs Monocrystalline silicon (125×125mm)
Connector	MC4/ MC4 Compatible
Dimension	1580×808×35mm
Weight	15.8KG



# Power Your Life!

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## LS660P Polycrystalline Silicon Solar Module

225W | 230W | 235W | 240W | 245W

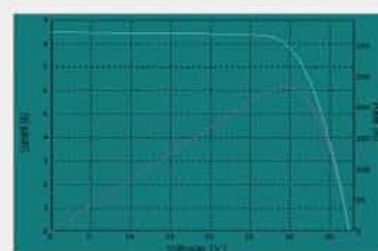
### Features and Highlights



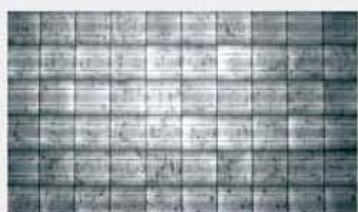
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Product warranty



Performance assurance



Recycling program



Positive tolerance



Snow load test



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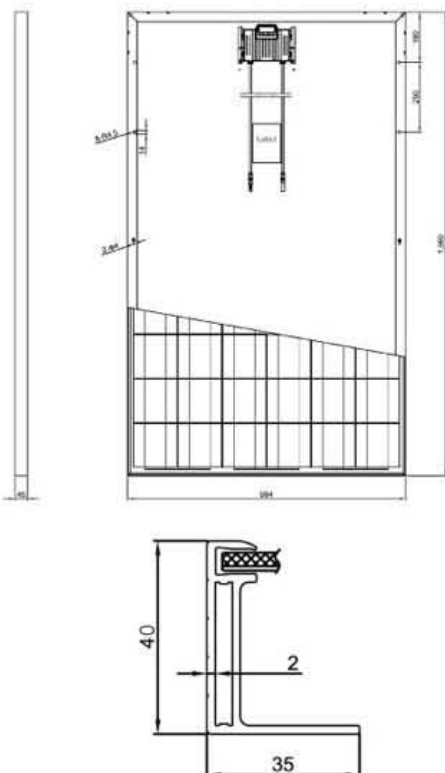
# LS660P Polycrystalline Silicon Solar Module

## Electrical Characteristics

Maximum power (P <sub>m</sub> )	225W	230W	235W	240W	245W
Voltage at max. power (V)	29.0V	29.4V	29.8V	29.8V	30.0V
Current at max. power (A)	7.77A	7.85A	7.89A	8.05A	8.17A
Open-circuit voltage (V)	37.2V	37.4V	37.7V	37.9V	38.2V
Short-circuit current (A)	8.32A	8.44A	8.42A	8.58A	8.71A
Power Temp.Coeff ( / °C)	-0.47%				
Current Temp.Coeff ( / °C)	0.045%				
Voltage Temp.Coeff ( / °C)	-0.34%				
Ambient Temp ( / °C)	-40~85				
Series Fuse Rating (A)	15				
power tolerance	0~+3%				
NOCT	46°C ± 2				
Max-System Voltage	1000 V DC(IEC)/600 V DC(UL)				

Standard test conditions: 25°C, AM1.5, 1000W/m<sup>2</sup>. Allowable tolerance: please refer to backside label.

## Dimension



## Electrical Characteristics in Different Light Intensity

Irradiation	max. power (P <sub>m</sub> )	voltage at max. power (V)	current at max. power (A)	open-circuit voltage (V)	short-circuit current (A)
1000W/m <sup>2</sup>	230 W	29.4 V	7.83 A	37.4 V	8.44 A
800W/m <sup>2</sup>	185 W	29.5 V	6.28 A	37.0 V	6.75 A
600W/m <sup>2</sup>	140 W	29.6 V	4.74 A	36.0 V	5.07 A
400W/m <sup>2</sup>	93 W	29.5 V	3.16 A	35.8 V	3.37 A
200W/m <sup>2</sup>	45 W	29.0 V	1.56 A	34.5 V	1.66 A

## Mechanical Characteristics

Cell typical and quantity	60pcs Polycrystalline silicon (156×156mm)
Connector	H+S/MC4/MC4 Compatible
Dimension	1660×994×40mm
Weight	19.7kg



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## LS660M Monocrystalline Silicon Solar Module

230W | 235W | 240W | 245W | 250W

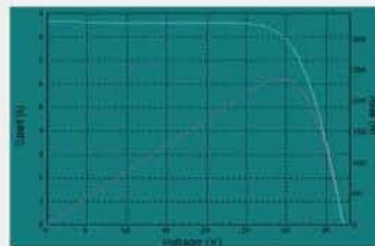
### Features and HighLights



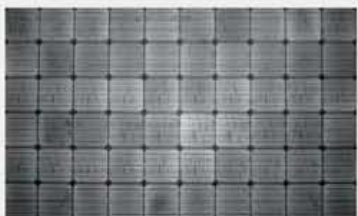
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### Warranty



Product warranty



Performance assurance



Recycling program



Positive tolerance



Snow load test



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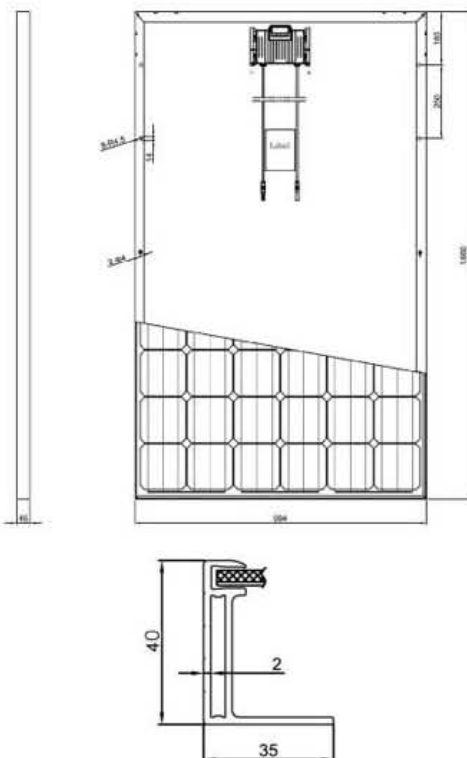
# LS660M Monocrystalline Silicon Solar Module

## Electrical Characteristics

Maximum power (Pm)	230W	235W	240W	245W	250W
Voltage at max. power (V)	29.7V	29.8V	30.0V	30.2V	30.4V
Current at max. power (A)	7.76A	7.89A	8.01A	8.12A	8.23A
Open-circuit voltage (V)	37.1V	37.2V	37.3V	37.4V	37.5V
Short-circuit current (A)	8.36A	8.45A	8.54A	8.63A	8.72A
Power Temp.Coeff ( /°C)	-0.48%				
Current Temp.Coeff ( /°C)	0.037%				
Voltage Temp.Coeff ( /°C)	-0.34%				
Ambient Temp ( /°C)	-40~85				
Series Fuse Rating (A)	15				
power tolerance	0~+3%				
NOCT	46°C ± 2				
Max-System Voltage	1000 V DC(IEC)/600 V DC(UL)				

STC 1000W/m<sup>2</sup>, AM 1.5 and 25°C cell temperature; NOCT Nominal Operating Cell Temperature

## Dimension



## Electrical Characteristics in Different Light Intensity

Irradiation	max. power (Pm)	voltage at max. power (V)	current at max. power (A)	open-circuit voltage (V)	short-circuit current (A)
1000W/m <sup>2</sup>	240 W	30.0 V	8.01 A	37.3 V	8.54 A
800W/m <sup>2</sup>	192 W	30.0 V	6.41 A	36.9 V	6.83 A
600W/m <sup>2</sup>	144 W	29.9 V	4.83 A	36.4 V	5.13 A
400W/m <sup>2</sup>	96 W	29.8 V	3.22 A	35.7 V	3.41 A
200W/m <sup>2</sup>	47 W	29.3 V	1.60 A	34.5 V	1.68 A

## Mechanical Characteristics

Cell typical and quantity	60pcs Monocrystalline silicon (156x156mm)
Connector	H+S/MC4/MC4 Compatible
Dimension	1660 X 994 X 40mm
Weight	19.7kg



# Power Your Life!

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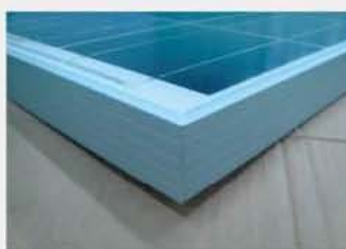
## LS672P Polycrystalline Silicon Solar Module

275W | 280W | 285W | 290W | 295W

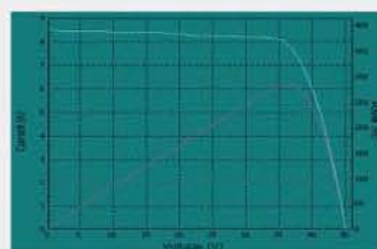
### Features and Highlights



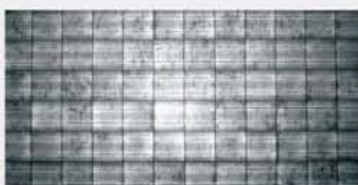
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10 year

Product warranty



25 year

Performance assurance



Recycling program



+5W

Positive tolerance



5400 Pa

Snow load test



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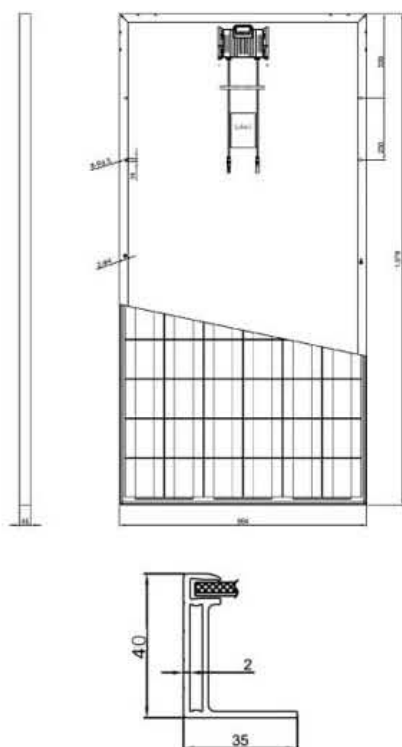
# LS672P Polycrystalline Silicon Solar Module

## Electrical Characteristics

Maximum power (Pm)	275W	280W	285W	290W	295W
Voltage at max. power (V)	35.8V	35.9V	36.0V	36.1V	36.2V
Current at max. power (A)	7.69A	7.81A	7.92A	8.04A	8.15A
Open-circuit voltage (V)	44.8V	44.9V	45.0V	45.1V	45.2V
Short-circuit current (A)	8.36A	8.45A	8.54A	8.63A	8.72A
Power Temp.Coeff ( /°C)	-0.47%				
Current Temp.Coeff ( /°C)	0.045%				
Voltage Temp.Coeff ( /°C)	-0.34%				
Ambient Temp ( /°C)	-40~85				
Series Fuse Rating (A)	15				
power tolerance	0~+3%				
NOCT	46°C ± 2				
Max-System Voltage	1000 V DC(IEC)/600 V DC(UL)				

STC 1000W/m<sup>2</sup>, AM 1.5 and 25°C cell temperature; NOCT Nominal Operating Cell Temperature

## Dimension



## Electrical Characteristics in Different Light Intensity

Irradiation	max. power (Pm)	voltage at max. power (V)	current at max. power (A)	open-circuit voltage (V)	short-circuit current (A)
1000W/m <sup>2</sup>	280 W	35.9 V	7.80 A	44.8 V	8.43 A
800W/m <sup>2</sup>	225 W	36.0 V	6.26 A	44.4 V	6.76 A
600W/m <sup>2</sup>	170 W	36.1 V	4.72 A	43.2 V	5.08 A
400W/m <sup>2</sup>	113 W	36.0 V	3.14 A	43.0 V	3.37 A
200W/m <sup>2</sup>	55 W	35.4 V	1.55 A	41.3 V	1.67 A

## Mechanical Characteristics

Cell typical and quantity	72pcs Polycrystalline silicon (156×156mm)
Connector	H+S/MC4/MC4 Compatible
Dimension	1978×994×40mm
Weight	23.6kg



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## LS672M Monocrystalline Silicon Solar Module

280W | 285W | 290W | 295W | 300W

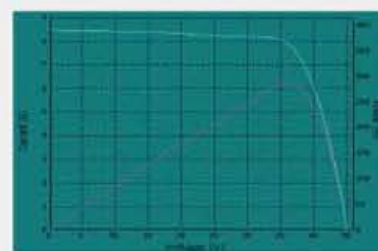
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### Warranty



Product warranty



Performance assurance



Recycling program



Positive tolerance



Snow load test



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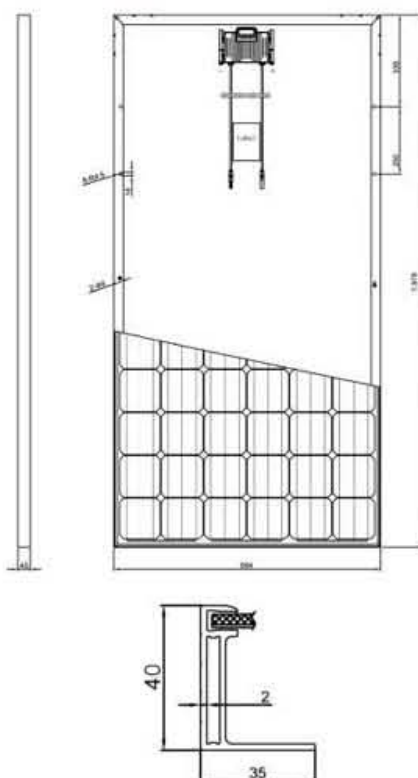
# LS672M Monocrystalline Silicon Solar Module

## Electrical Characteristics

Maximum power (Pm)	280W	285W	290W	295W	300W
Voltage at max. power (V)	35.9V	36.1V	36.2V	36.3V	36.5V
Current at max. power (A)	7.80A	7.90A	8.02A	8.13A	8.23A
Open-circuit voltage (V)	44.6V	44.7V	44.8V	44.9V	45.0V
Short-circuit current (A)	8.26A	8.35A	8.44A	8.53A	8.62A
Power Temp.Coeff ( /°C)	-0.48%				
Current Temp.Coeff ( /°C)	0.037%				
Voltage Temp.Coeff ( /°C)	-0.34%				
Ambient Temp ( /°C)	-40~85				
Series Fuse Rating (A)	15				
power tolerance	0~+3%				
NOCT	46°C ± 2				
Max-System Voltage	1000 V DC(IEC)/600 V DC(UL)				

STC 1000W/m<sup>2</sup>, AM 1.5 and 25°C cell temperature; NOCT Nominal Operating Cell Temperature

## Dimension



## Electrical Characteristics in Different Light Intensity

Irradiation	max. power (Pm)	voltage at max. power (V)	current at max. power (A)	open-circuit voltage (V)	short-circuit current (A)
1000W/m <sup>2</sup>	290 W	36.2 V	8.02 A	44.8 V	8.44 A
800W/m <sup>2</sup>	232 W	36.2 V	6.42 A	44.3 V	6.75 A
600W/m <sup>2</sup>	174 W	36.1 V	4.84 A	43.7 V	5.07 A
400W/m <sup>2</sup>	116 W	35.9 V	3.23 A	42.9 V	3.37 A
200W/m <sup>2</sup>	56 W	35.3 V	1.60 A	41.4 V	1.66 A

## Mechanical Characteristics

Cell typical and quantity	72pcs Monocrystalline silicon (156×156mm)
Connector	H+S/MC4/MC4 Compatible
Dimension	1978×994×40mm
Weight	23.6kg