ENJOY YOUR SOLAR POWERED LIFE

欧-尚-光-伏
OUSHANG SOLAR

OUSHANG SOLAR®

Catalogue

1. Company Profile 1

2. Products.....2

2.1 Solar Panel.....2

2.1.1 Monocrystalline Solar Panel.....2

2.1.2 Polycrystalline Solar Panel 11

2.2 Solar Controller 20

2.3 Solar Inverter 22

2.4 Solar Gel Battery 23

2.5 Solar Flood Light.....24

2.6 Solar Street Light.....27

2.7 Solar Monitor System.....35

2.8 Solar PWM Controller 36

3. Solar System Project 37

3. Solar System Project 37

Company Profile











Located at Dazhao Industry Park(Ningjin County, Hebei Province, China), Hebei Oushang Photovoltaic Technology Co., Ltd. occupies an area of about 50,000 square meters. With advanced technologies and professional research &development team, we are specializing in the research & development, manufacturing and wholesaling solar module(mono & poly) & solar street lights, various accessories of solar power system, like inverters, controllers & batteries.

Oushang Solar takes its effort to invest on product development and expanding the production capacity. With a total investment of over 15 million US dolars, the factory achieves an annual capacity of over 500MW. Based on specialization, scale, international development goals, we focus on continuous innovation and establishing technical cooperation with a number of foreign scientific research units and institutes. With the advanced modern technology and intelligent test equipment, we stick to provide our customers with solar panels of world level, which gives the company competitive advantages at the international market.

Monocrystalline Silicon Solar Panel OS-M36-10W~30W

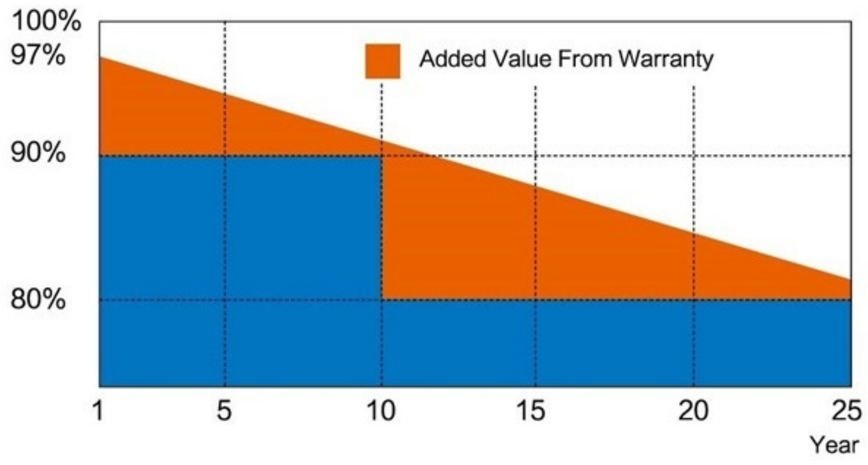


KEY FEATURES

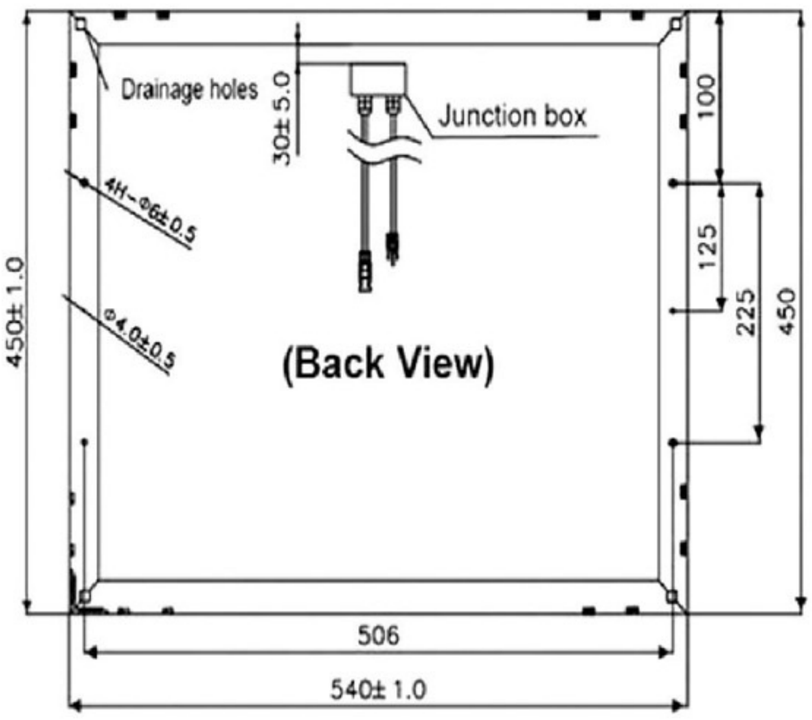
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10 -year product warranty
- 25-year linear power output warranty



DIMENSIONS



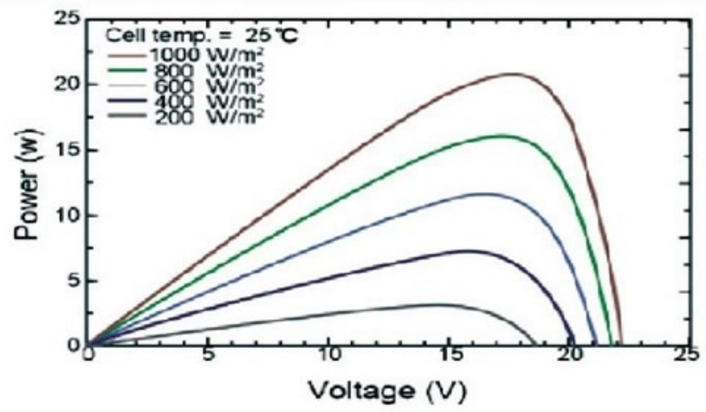
MECHANICAL CHARACTERISTICS

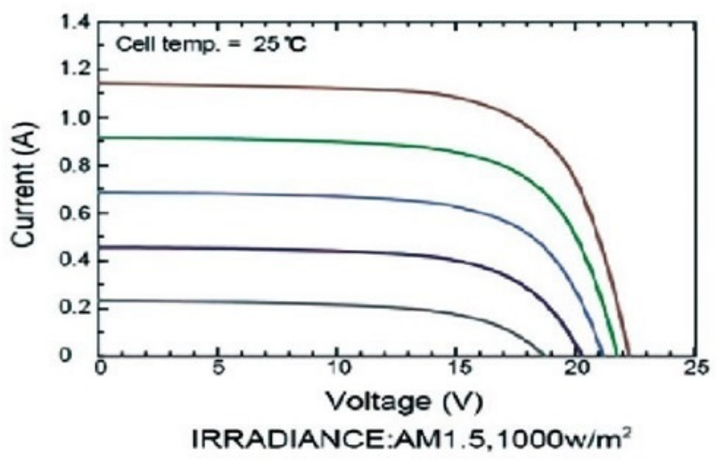
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm^2, 50cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	-0.45%/℃
Temperature Coefficient of Voc	-0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	-40℃ ~ +85℃

I-V CURVES

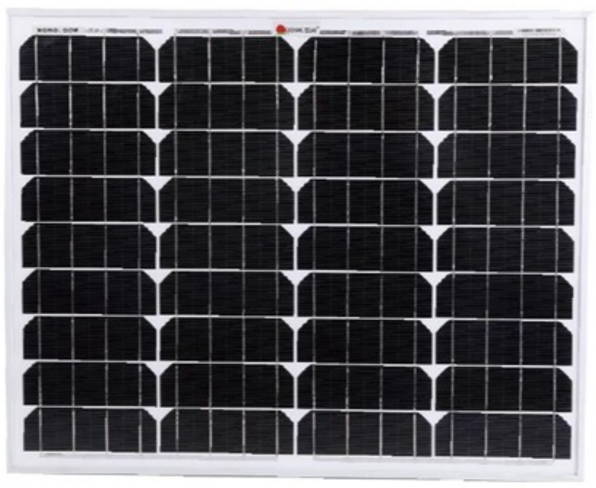




ELECTRONICAL CHARACTERISTICS

Module Type	OS-M36-10	OS-M36-20	OS-M36-30
Maximum Power(Pmax)	10W	20W	30W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	0.56A	1.11A	1.67A
Open Circuit Voltage(Voc)	21.5V	21.6V	21.9V
Short Circuit Current(Isc)	0.60A	1.17A	1.77A
Number of Cells	36(4*9)	36(4*9)	36(2*18)
Size of Cells(mm)	52*39	78*52	156*31.2
Dimensions(mm)	260*350*17	350*520*20	650*350*20
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocrystalline Silicon Solar Panel OS-M36-40W~60W

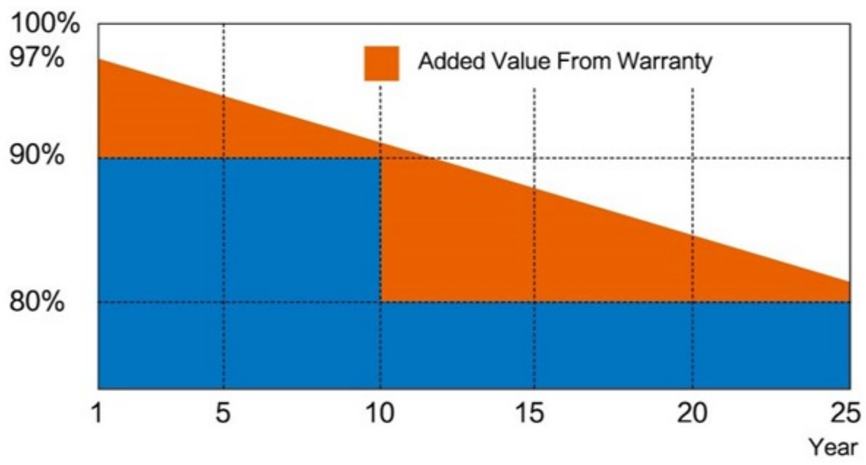


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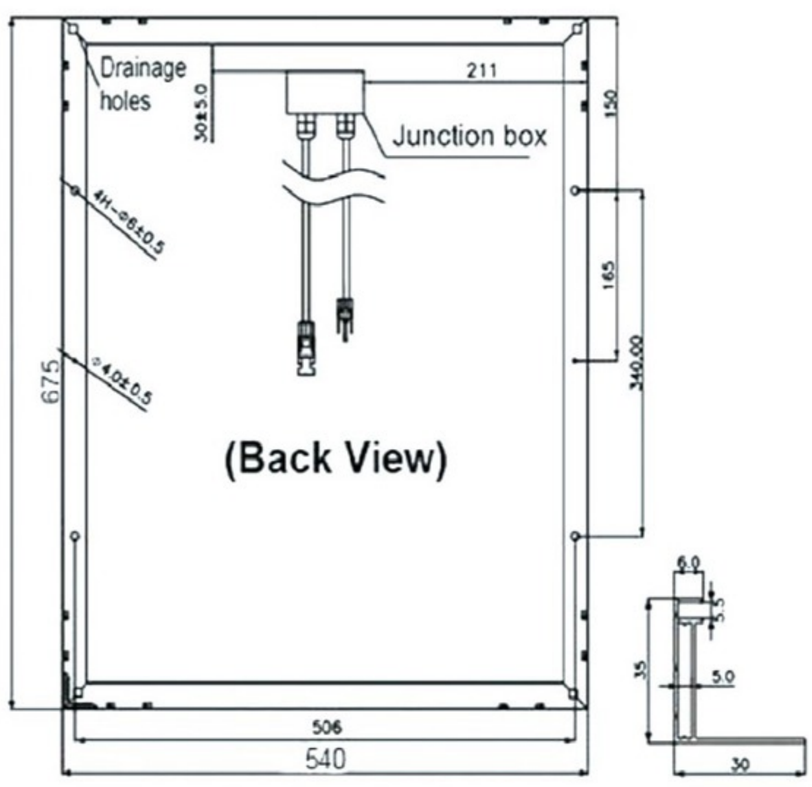
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



DIMENSIONS



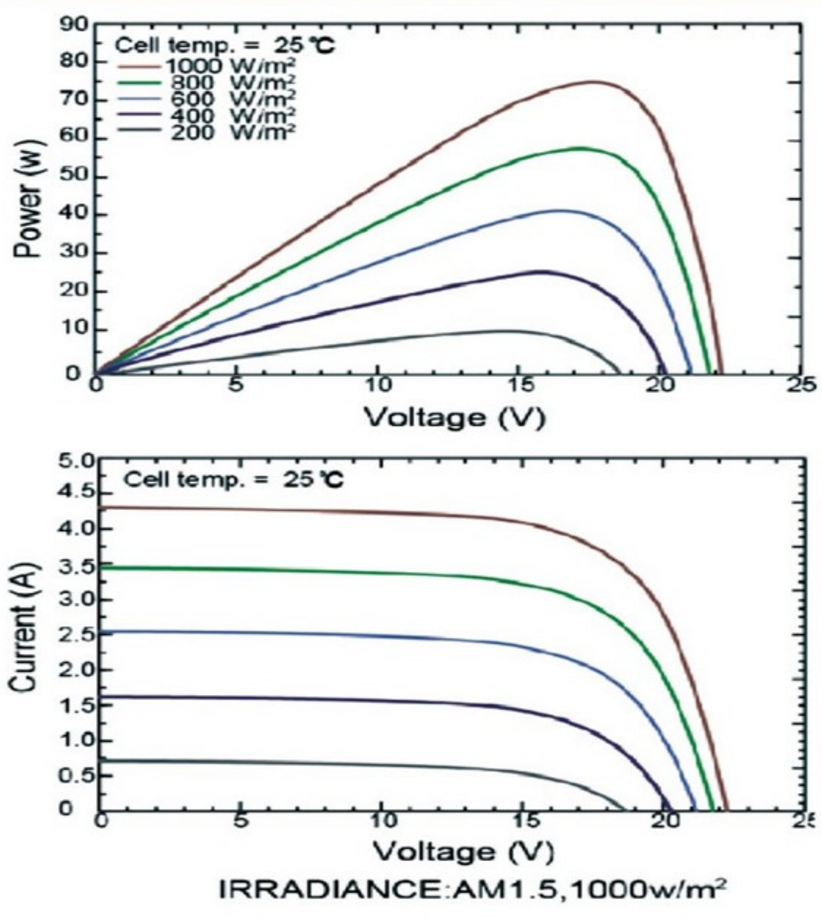
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm², 50cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I-V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS-M36-40	OS-M36-50	OS-M36-60
Maximum Power(Pmax)	40W	50W	60W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	2.22A	2.78A	3.33A
Open Circuit Voltage(Voc)	21.8V	21.8V	21.8V
Short Circuit Current(Isc)	2.35A	2.95A	3.53A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*39	156*52	156*62.4
Dimensions(mm)	420*670*25	540*670*30	650*670*30
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

欧-尚-光-伏
OUSHANG SOLAR

Monocrystalline Silicon Solar Panel

OS-M36-80W~120W

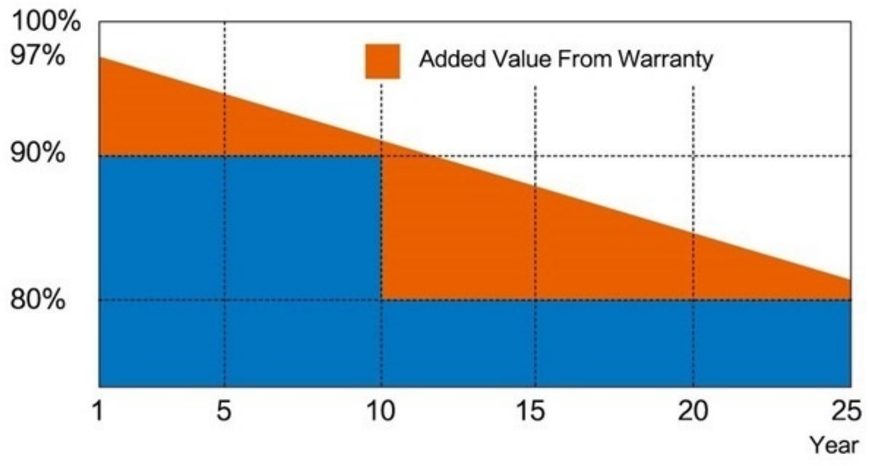


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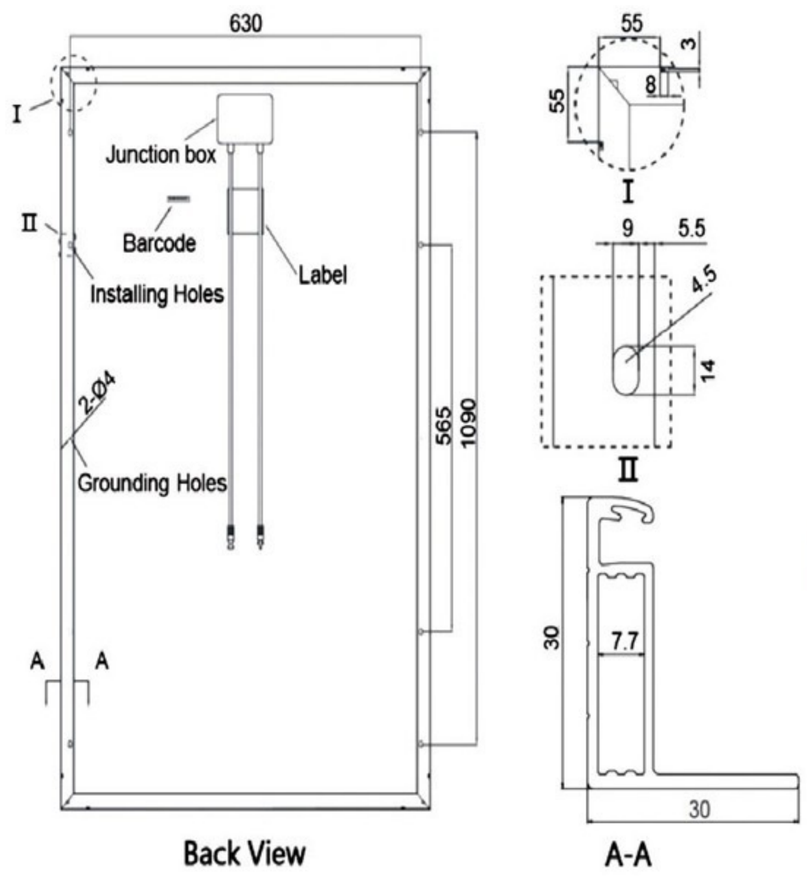
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



DIMENSIONS



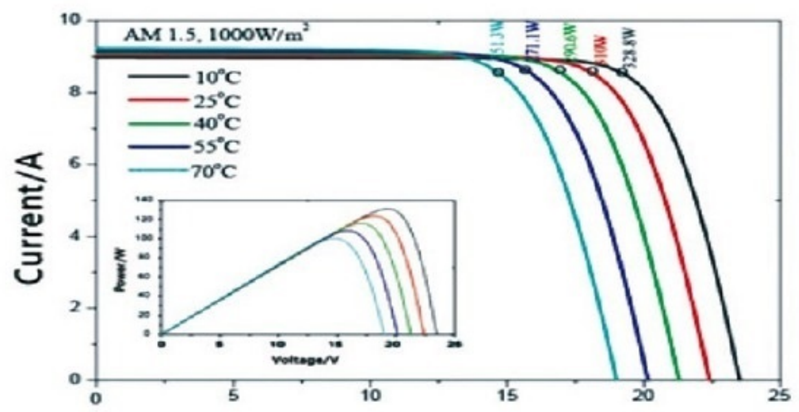
MECHANICAL CHARACTERISTICS

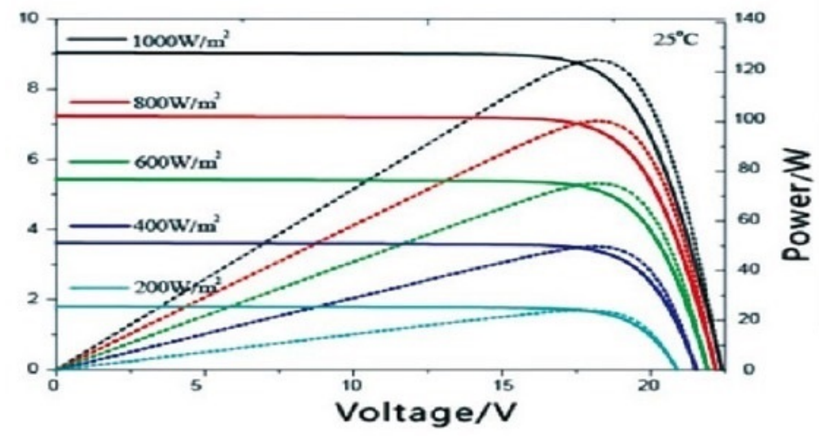
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	$4mm^2$, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I-V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS-M36-80	OS-M36-100	OS-M36-120
Maximum Power(Pmax)	80W	100W	120W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.9V
Maximum Power Current(Imp)	4.45A	5.56A	6.35A
Open Circuit Voltage(Voc)	21.8V	21.2V	21.8V
Short Circuit Current(Isc)	5.38A	6.35A	7.30A
Number of Cells	36(3*12)	36(4*9) 36(3*12)	72(4*18)
Size of Cells(mm)	156*93.6	156*104 156*93.6	156*62.4
Dimensions(mm)	830*670*30	1030*670*30 1200*540*30	1200*670*30
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocrystalline Silicon Solar Panel OS-M36-150W~175W

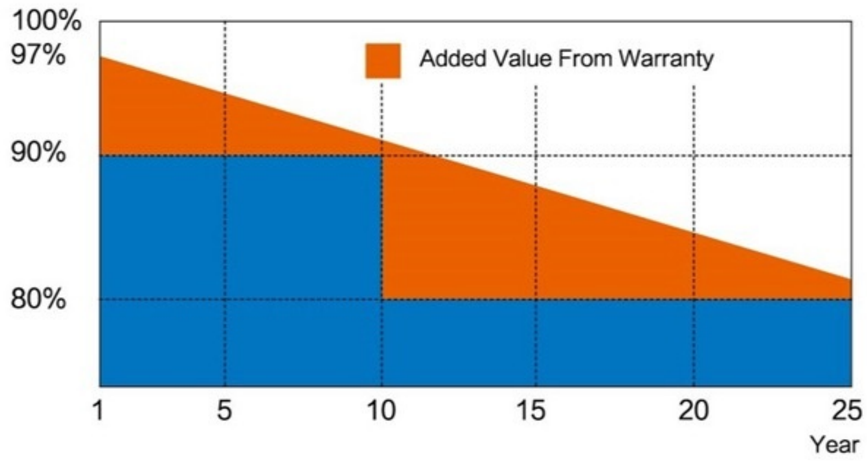


KEY FEATURES

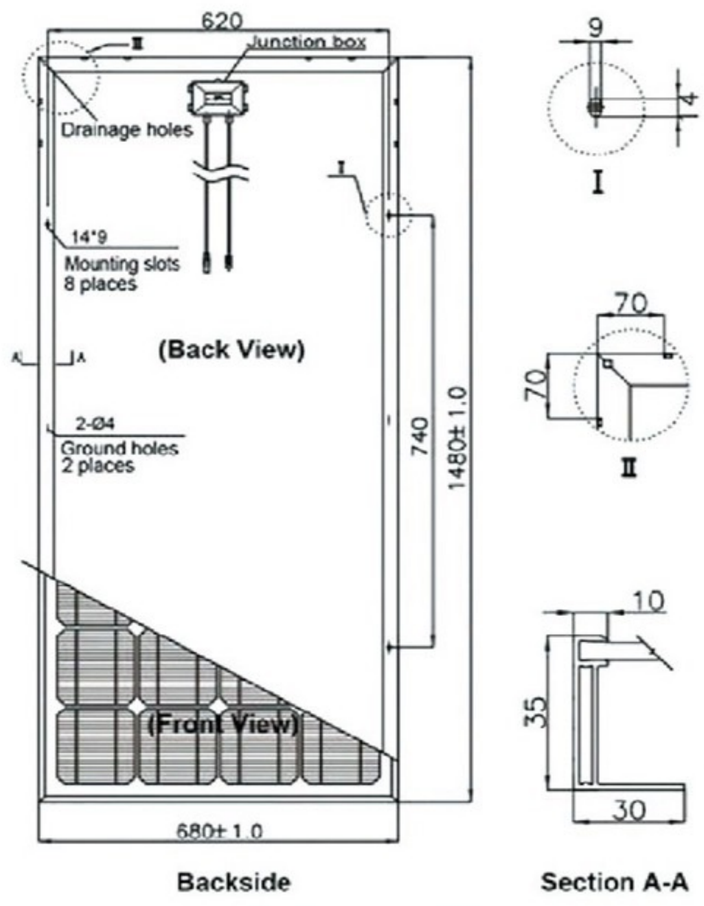
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



DIMENSIONS



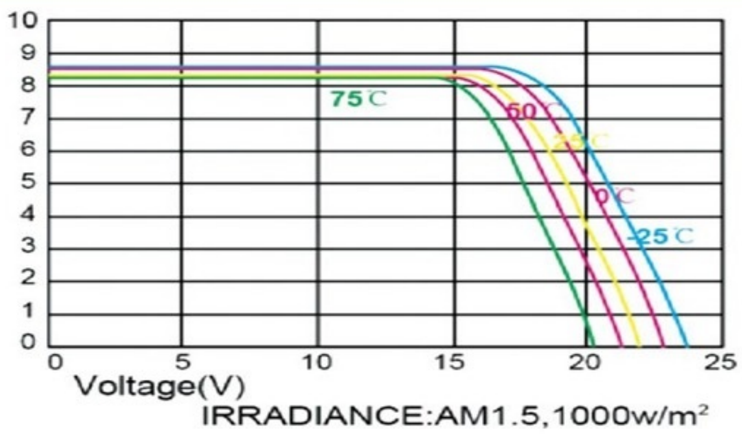
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm^2, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

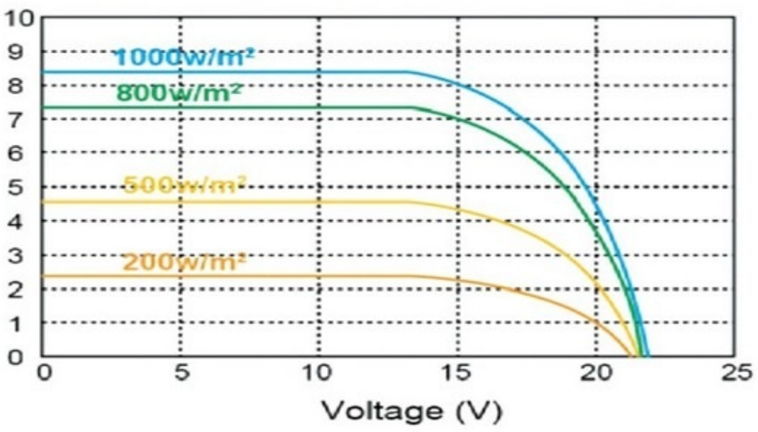
TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I-V CURVES



9.81A



ELECTRONICAL CHARACTERISTICS

Module Type	OS-M36-150	OS-M36-165	OS-M36-175
Maximum Power(Pmax)	150W	165W	175W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	8.33A	9.17A	9.72A
Open Circuit Voltage(Voc)	21.4V	21.66V	22.49V
Short Circuit Current(Isc)	8.83A	9.14A	9.81A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1480*670*35	1480*670*35	1480*670*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocrystalline Silicon Solar Panel OS-M60-250W~270W

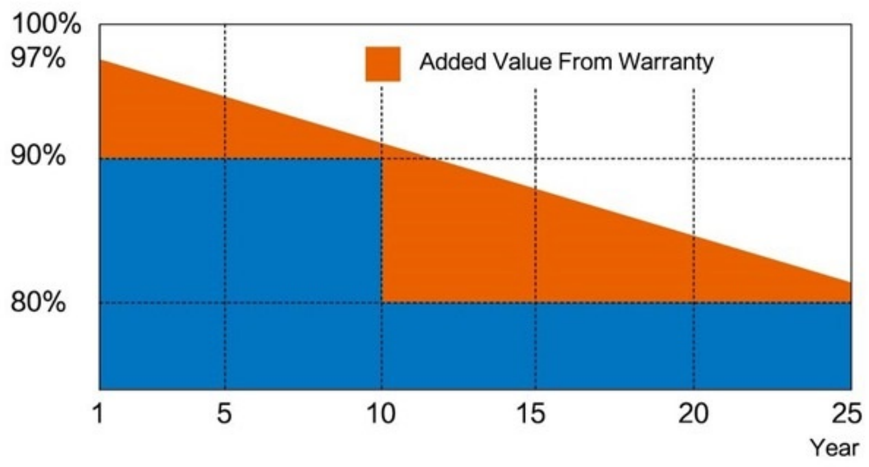


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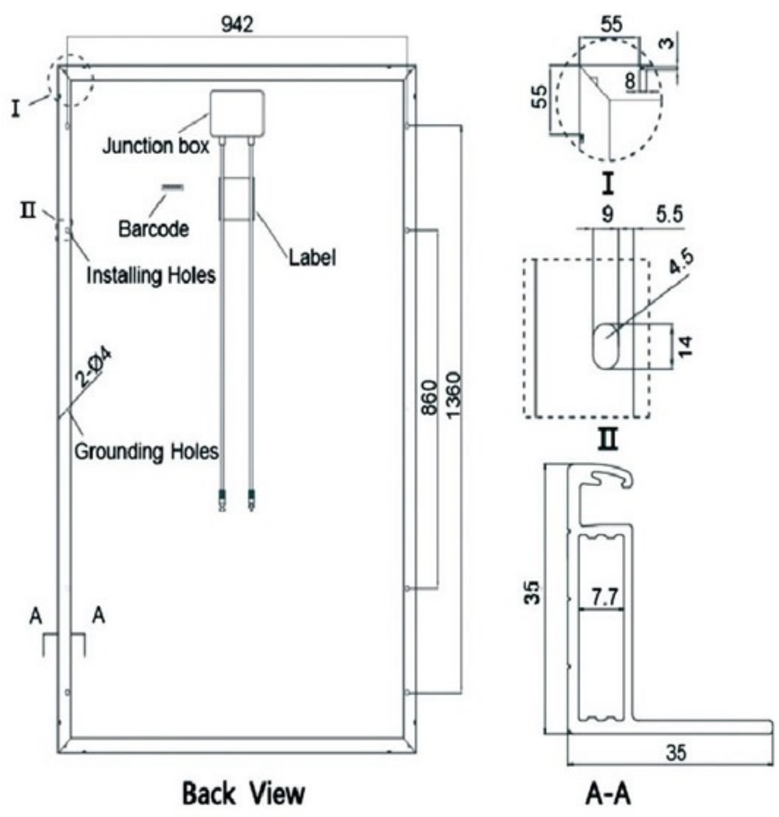
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



DIMENSIONS



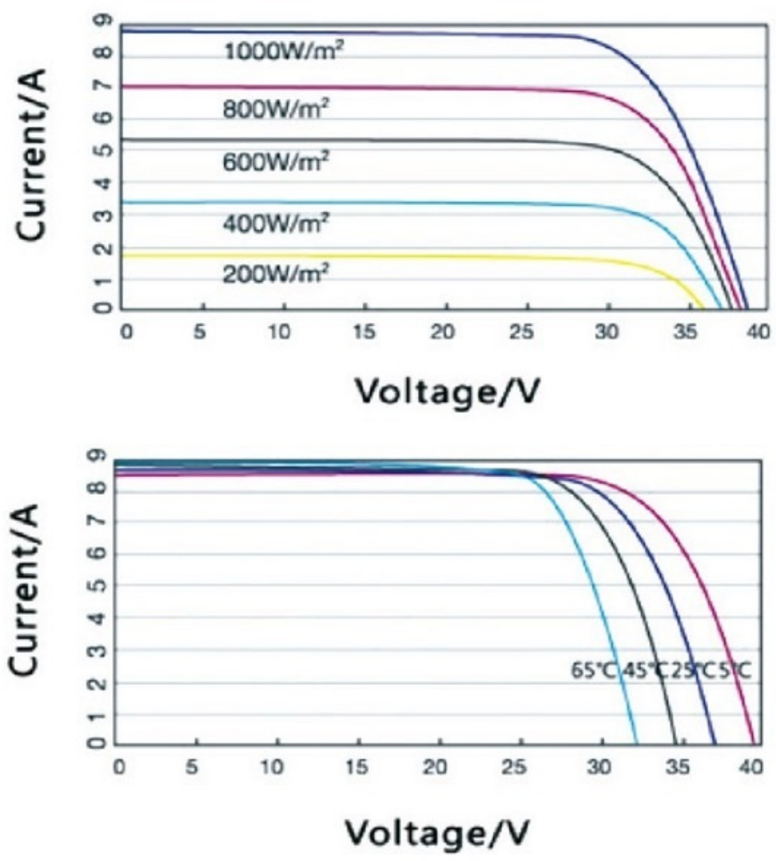
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm^2, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I-V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS-M60-250	OS-M60-270	OS-M60-280
Maximum Power(Pmax)	250W	270W	280W
Maximum Power Voltage(Vmp)	30.5V	31.5V	31.5V
Maximum Power Current(Imp)	8.20A	8.57A	8.89A
Open Circuit Voltage(Voc)	36V	38.05V	38.86V
Short Circuit Current(Isc)	9.02A	9.08A	9.22A
Number of Cells	60(6*10)	60(6*10)	60(6*10)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1640*992*35	1640*992*35	1640*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocrystalline Silicon Solar Panel OS-M72-300W~350W

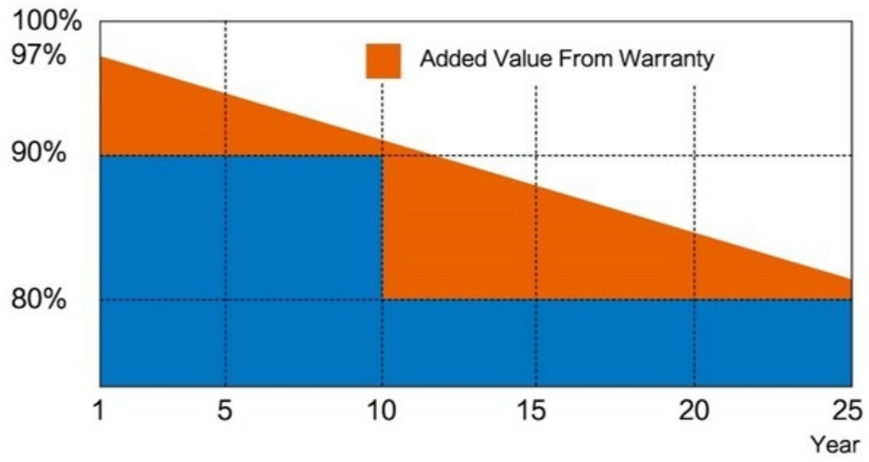


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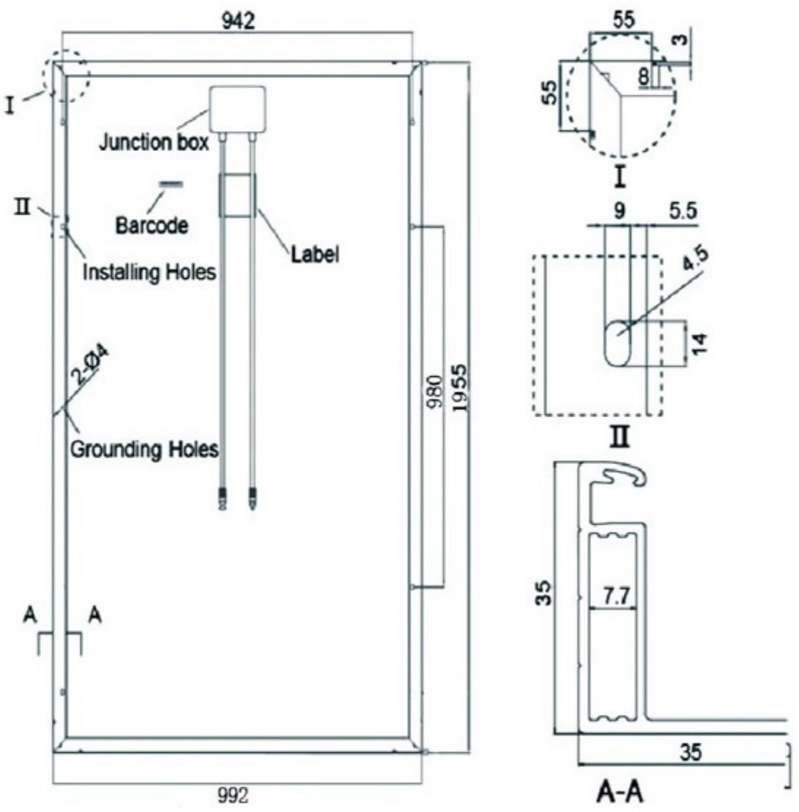
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



DIMENSIONS



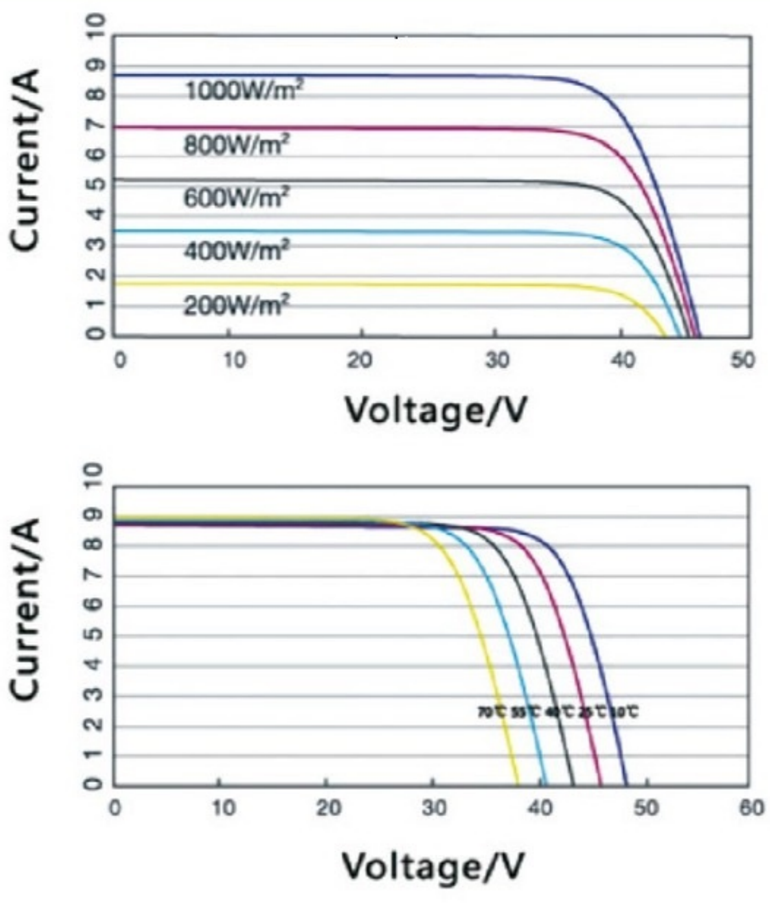
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm², 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I-V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS-M72-300	OS-M72-330	OS-M72-350
Maximum Power(Pmax)	300W	330W	350W
Maximum Power Voltage(Vmp)	36.0V	37.8V	37.8A
Maximum Power Current(Imp)	8.33A	8.73A	9.25A
Open Circuit Voltage(Voc)	43.2V	44.5V	45.6V
Short Circuit Current(Isc)	8.83A	9.40A	9.71A
Number of Cells	72(6*12)	72(6*12)	72(6*12)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1955*992*35	1955*992*35	1955*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocrystalline Silicon Solar Panel OS-M72-370W~390W

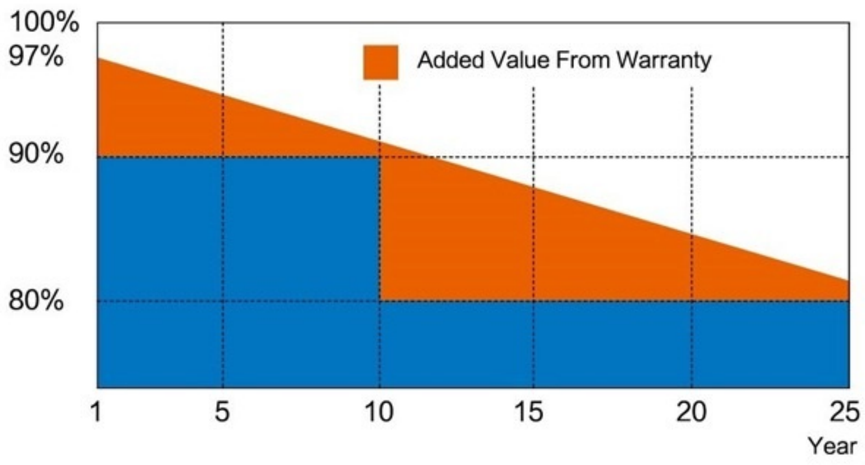


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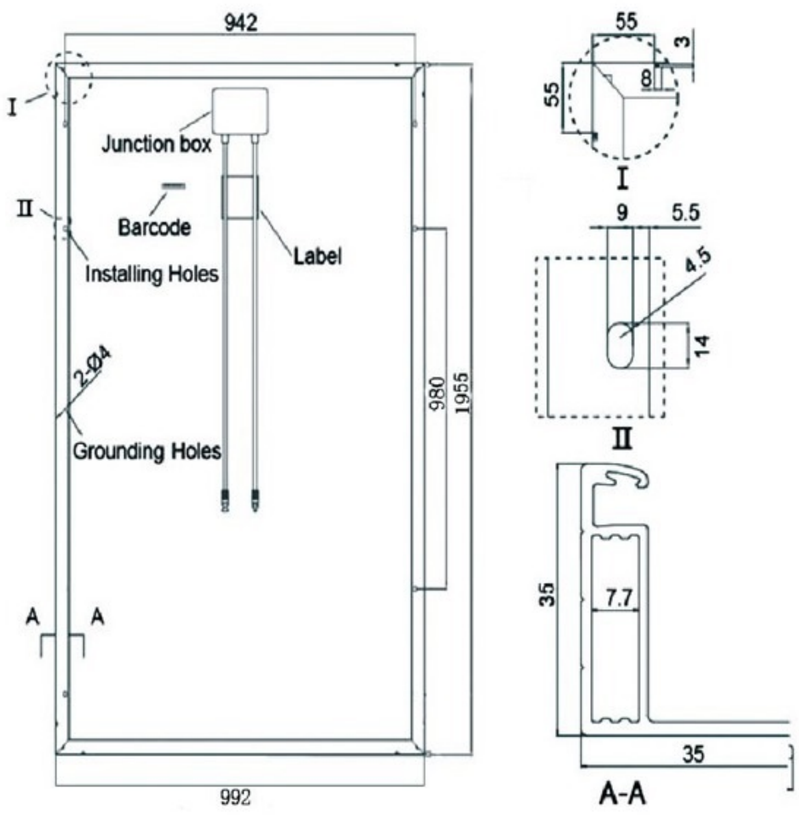
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



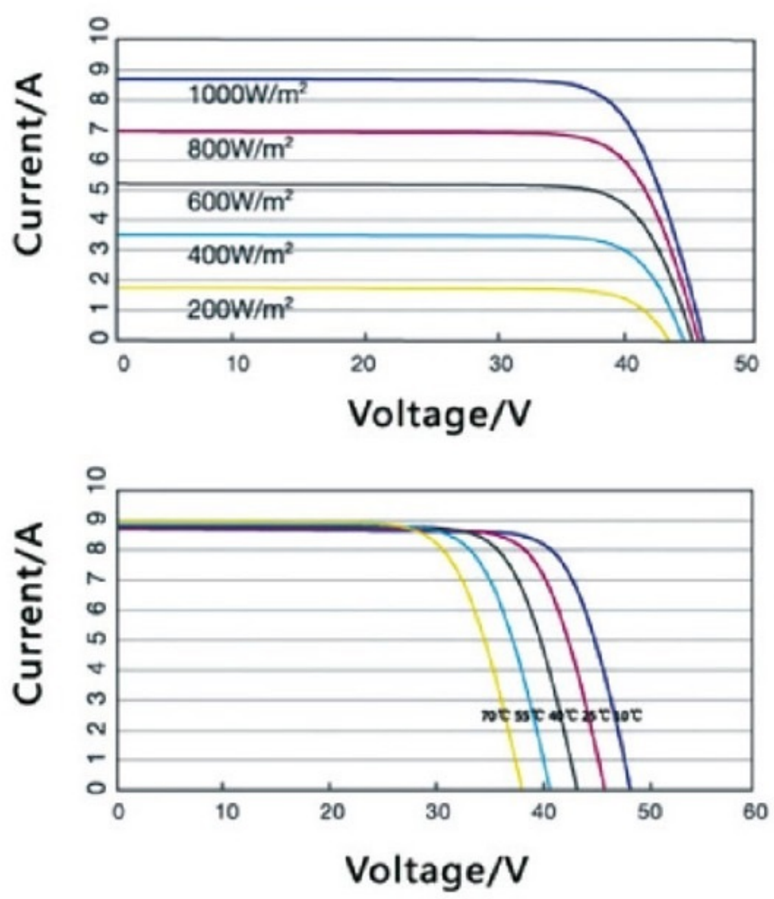
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm^2, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS−M72−370	OS−M72−380	OS−M72−390
Maximum Power(Pmax)	370W	380W	390W
Maximum Power Voltage(Vmp)	37.8A	37.8A	37.8A
Maximum Power Current(Imp)	9.78A	10.05A	10.31A
Open Circuit Voltage(Voc)	47.98V	48.44V	49.31V
Short Circuit Current(Isc)	9.98A	10.09A	10.19A
Number of Cells	72(6*12)	72(6*12)	72(6*12)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1955*992*35	1955*992*35	1955*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Monocystalline Silicon Solar Panel

OS-HM60-320W~340W

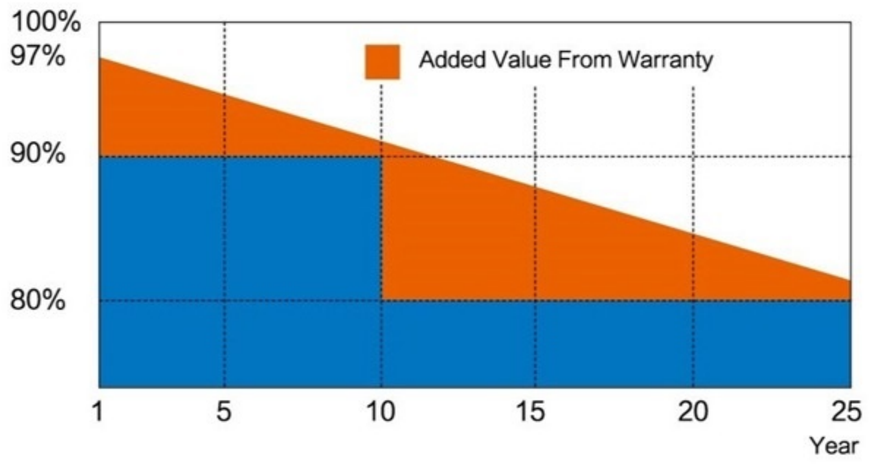


KEY FEATURES

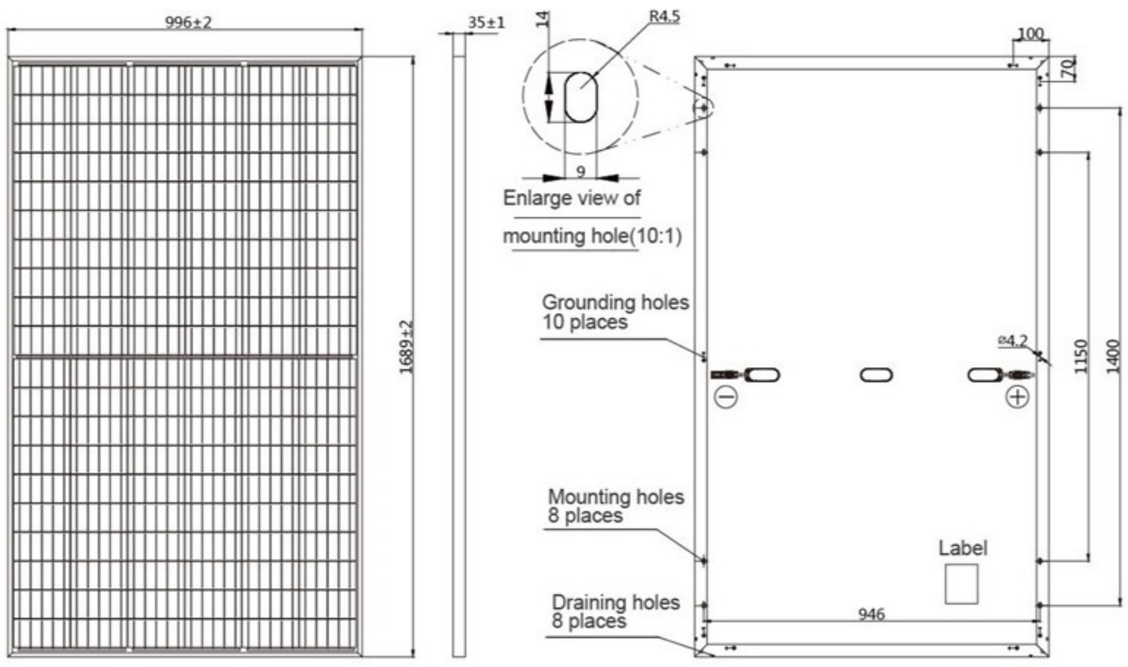
- **PID RESISTANT**
- **High Power Output**
- **High transmission,low Iron Tempered Glass**
- **Bypass Diodes Protection**
- **Salt Mist And Ammonia Resistance Test**

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



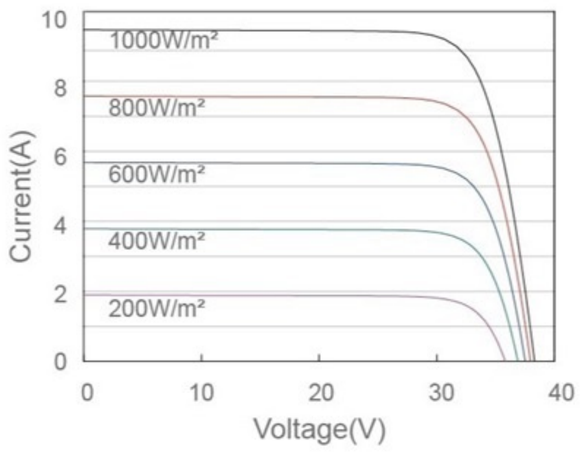
MECHANICAL CHARACTERISTICS

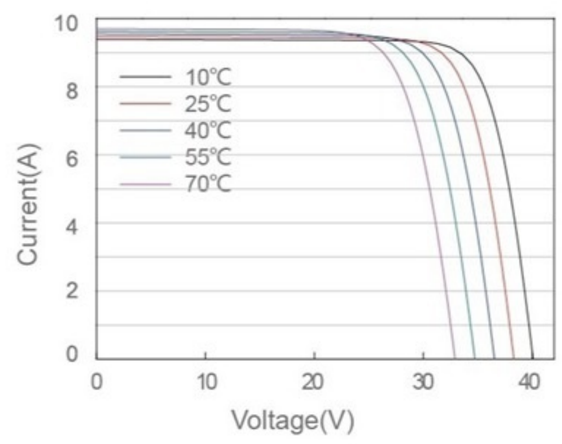
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	$4mm^2$
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM60-320	OS-HM60-330	OS-HM60-340
Maximum Power(Pmax)	320W	330W	340W
Maximum Power Voltage(Vmp)	33.54V	34.03V	34.52V
Maximum Power Current(Imp)	9.54A	9.70A	9.85A
Open Circuit Voltage(Voc)	40.17V	40.72V	41.25V
Short Circuit Current(Isc)	10.14A	10.27A	10.44A
Number of Cells	120(6*20)	120(6*20)	120(6*20)
Size of Cells(mm)	156*78	156*78	156*78
Dimensions(mm)	1689*996*35	1689*996*35	1689*996*35
Power Tolerance	±3%		
Maximum System Voltage	1500VDC		

Monocystalline Silicon Solar Panel OS-HM72-390W~410W

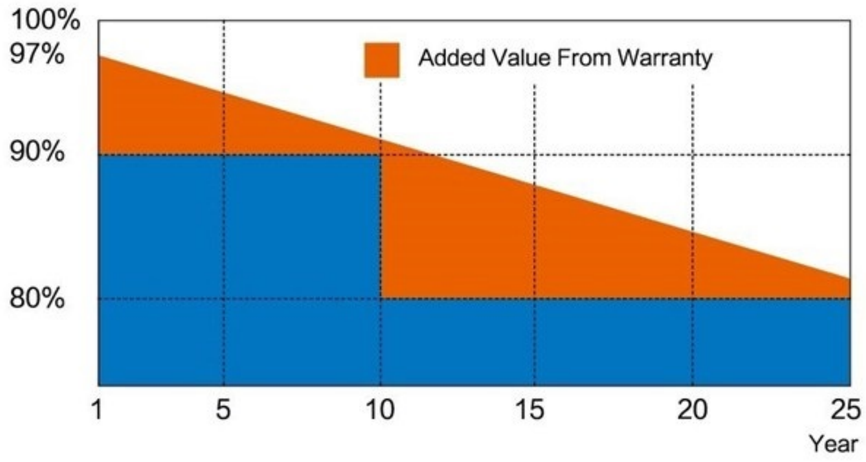


KEY FEATURES

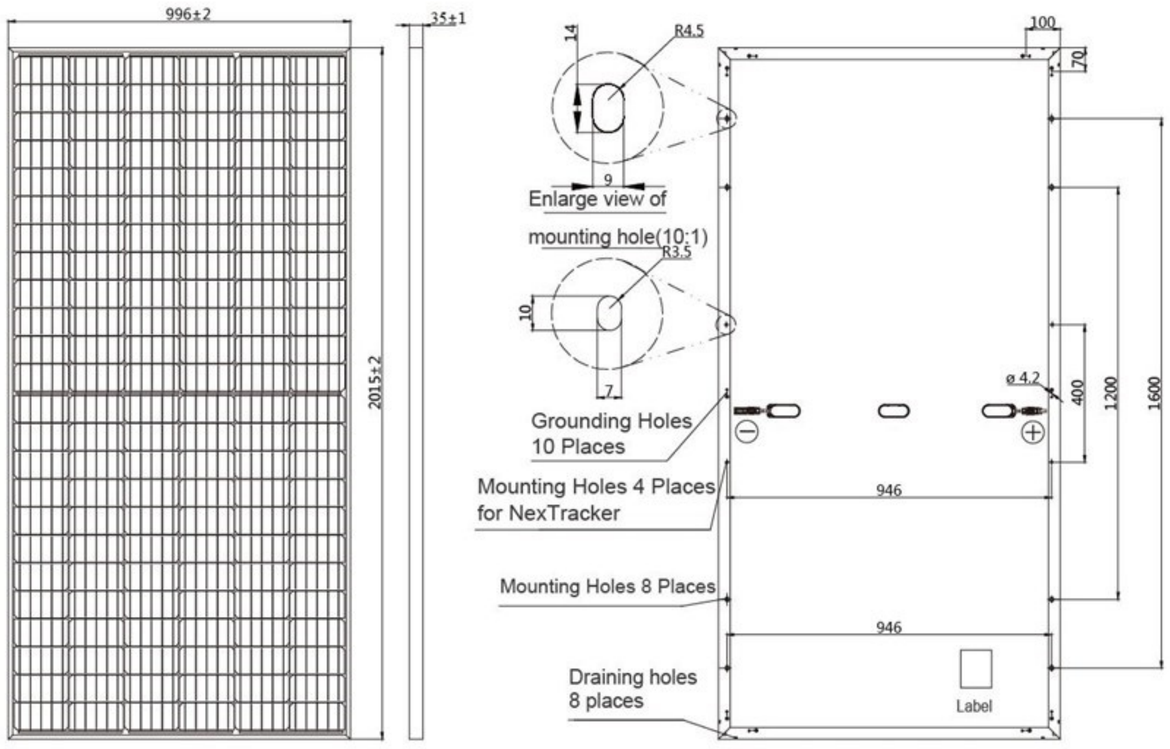
- **PID RESISTANT**
- **High Power Output**
- **High transmission,low Iron Tempered Glass**
- **Bypass Diodes Protection**
- **Salt Mist And Ammonia Resistance Test**

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



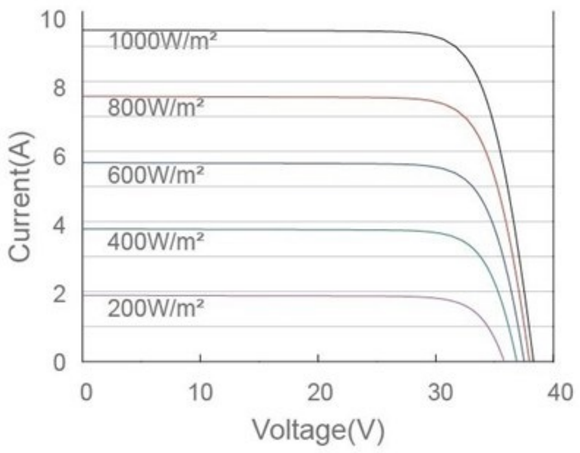
MECHANICAL CHARACTERISTICS

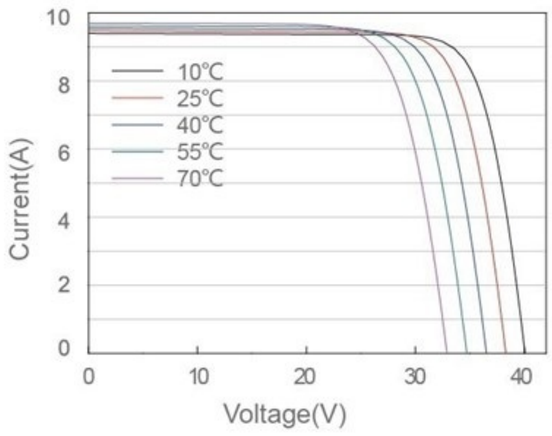
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm²
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM72-390	OS-HM72-400	OS-HM72-410
Maximum Power(Pmax)	390W	400W	410W
Maximum Power Voltage(Vmp)	40.48V	41.08V	41.64V
Maximum Power Current(Imp)	9.63A	9.74A	9.82A
Open Circuit Voltage(Voc)	48.58V	49.30V	50.10V
Short Circuit Current(Isc)	10.13A	10.24A	10.32A
Number of Cells	144(6*24)	144(6*24)	144(6*24)
Size of Cells(mm)	156*78	156*78	156*78
Dimensions(mm)	2015*996*35	2015*996*35	2015*996*35
Power Tolerance	±3%		
Maximum System Voltage	1500VDC		

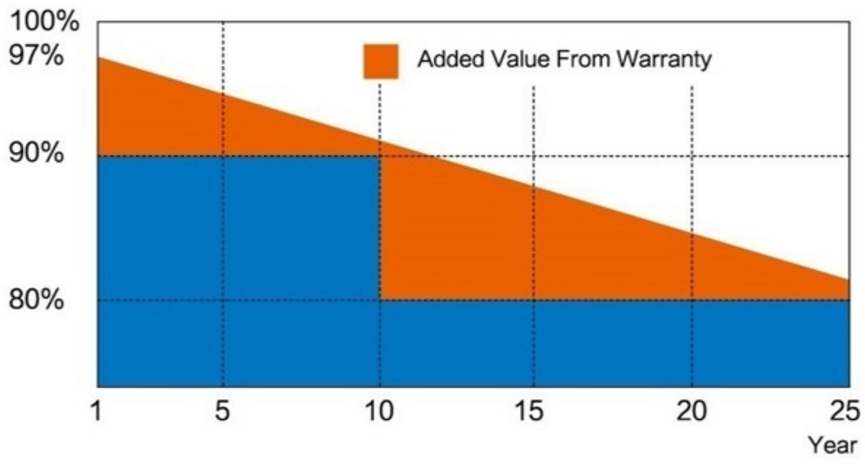


KEY FEATURES

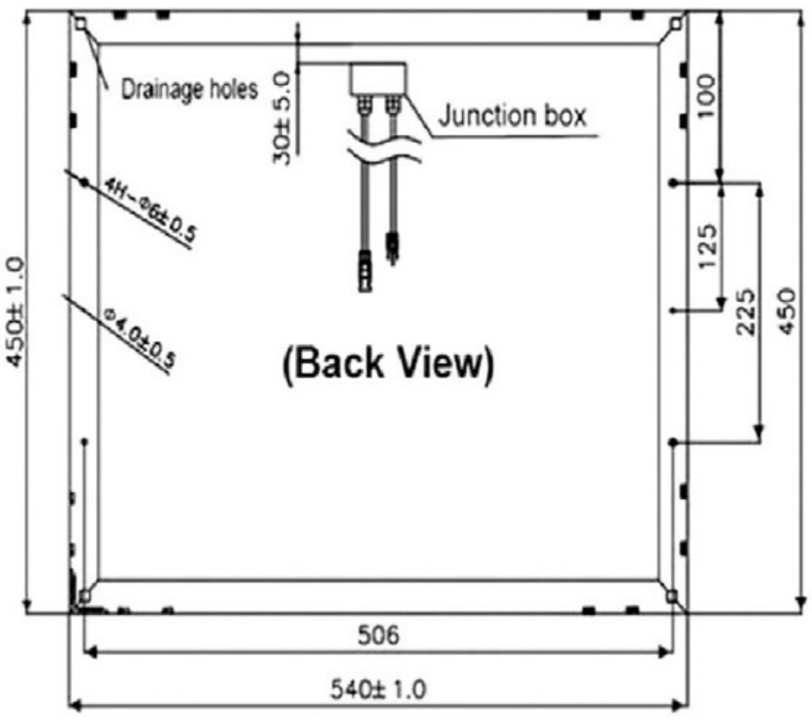
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



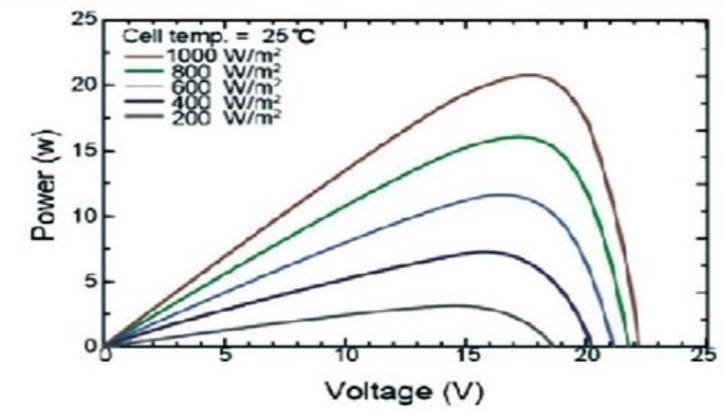
MECHANICAL CHARACTERISTICS

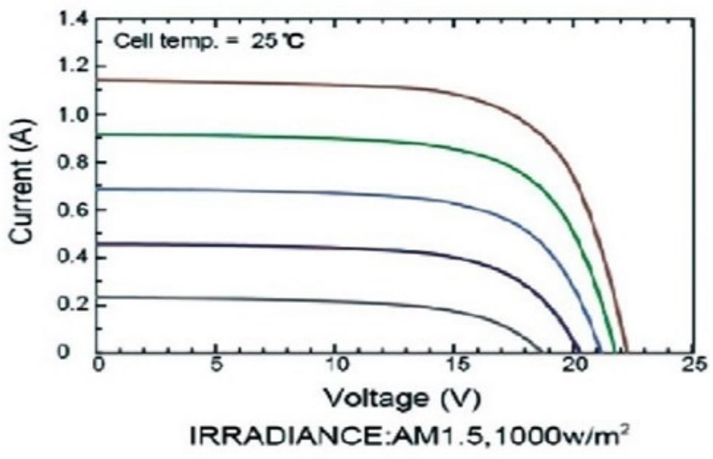
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm^2, 50cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES

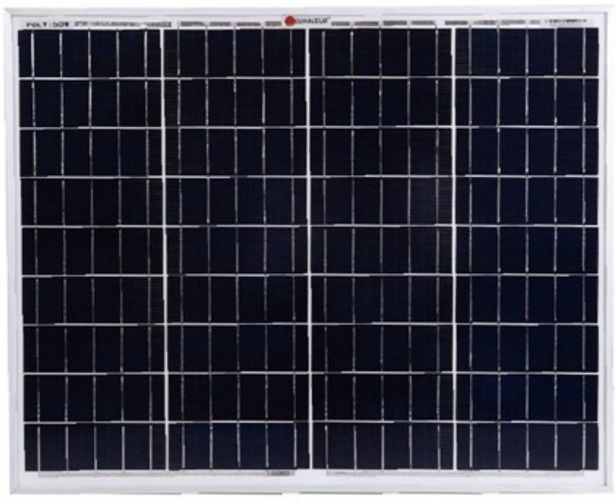




ELECTRONICAL CHARACTERISTICS

Module Type	OS−P36−10	OS−P36−20	OS−P36−30
Maximum Power(Pmax)	10W	20W	30W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	0.56A	1.11A	1.67A
Open Circuit Voltage(Voc)	21.5V	21.6V	21.9V
Short Circuit Current(Isc)	0.60A	1.17A	1.77A
Number of Cells	36(4*9)	36(2*18)	36(2*18)
Size of Cells(mm)	52*39	78*52	156*31.2
Dimensions(mm)	260*350*17	520*350*20	650*350*20
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Polycrystalline Silicon Solar Panel OS-P36-40W~60W

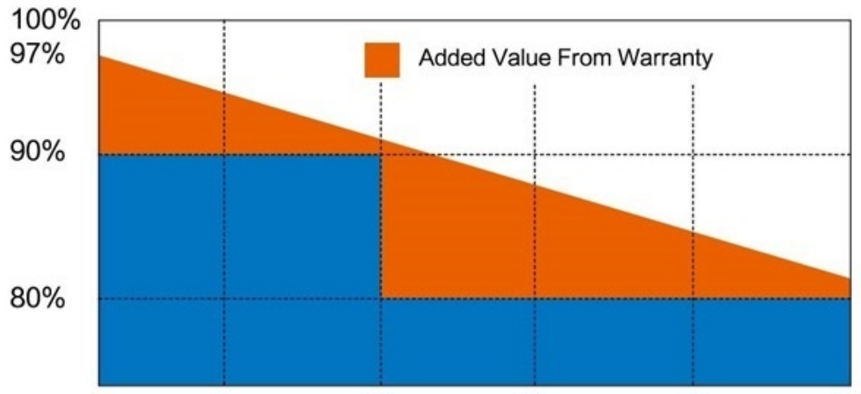


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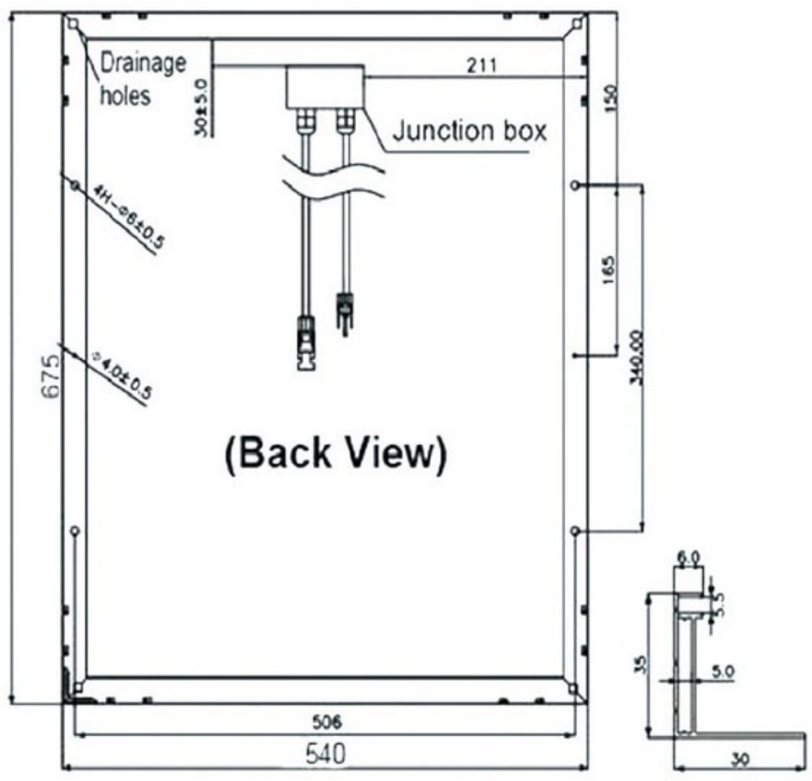
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



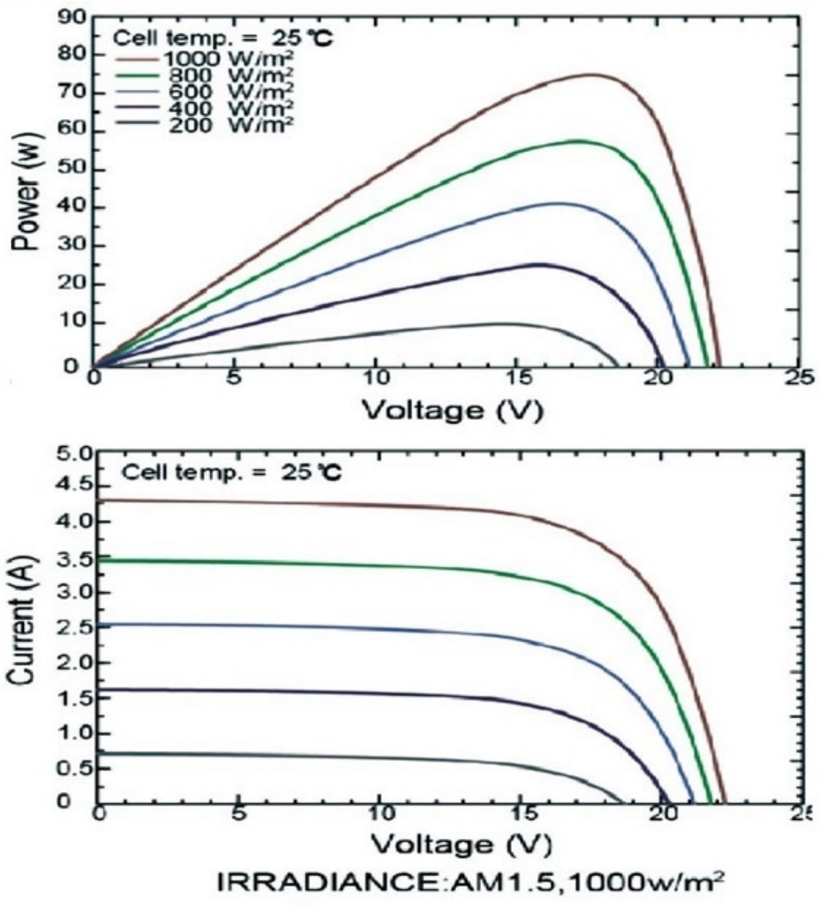
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm^2, 50cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS−P36−50	OS−P36−60	OS−P36−70
Maximum Power(Pmax)	50W	60W	70W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	2.78A	3.33A	3.88A
Open Circuit Voltage(Voc)	21.8V	21.8V	21.8V
Short Circuit Current(Isc)	2.95A	3.53A	3.62A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*52	156*62.4	156*73
Dimensions(mm)	540*670*30	650*670*30	720*670*30
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

欧-尚-光-伏
OUSHANG SOLAR

Polycrystalline Silicon Solar Panel | OS-P36-80W~120W

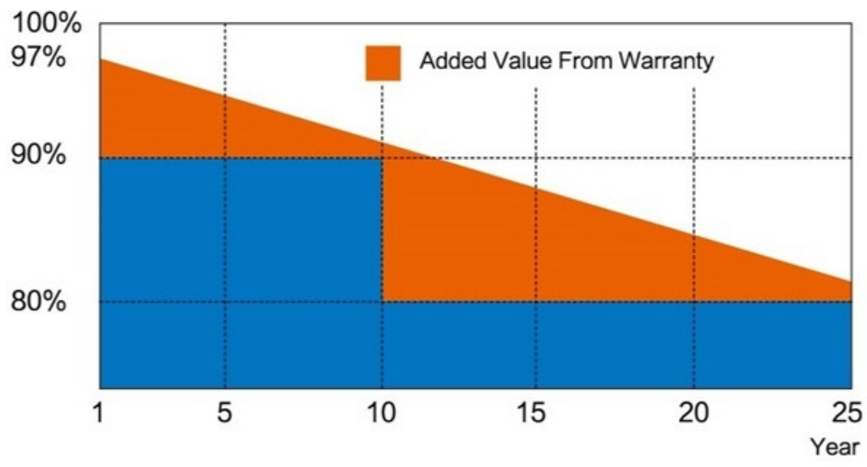


KEY FEATURES

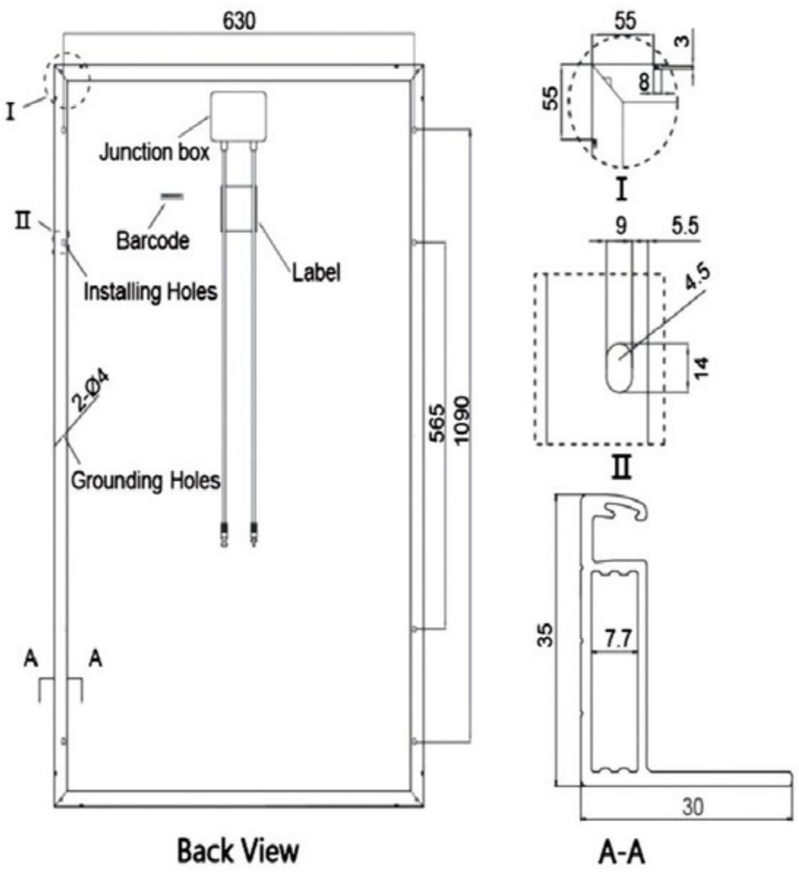
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



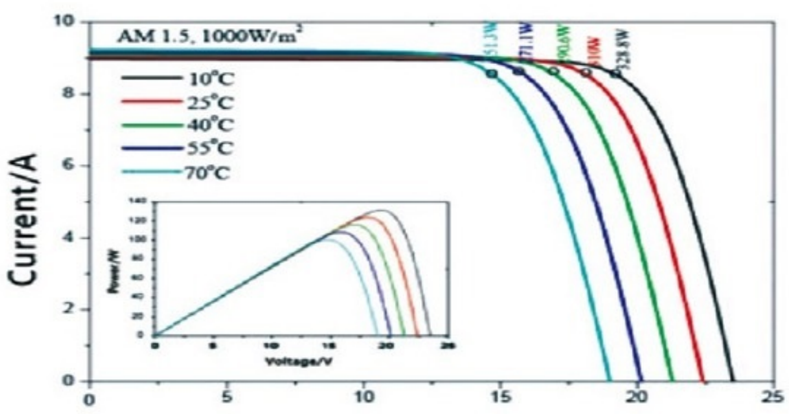
MECHANICAL CHARACTERISTICS

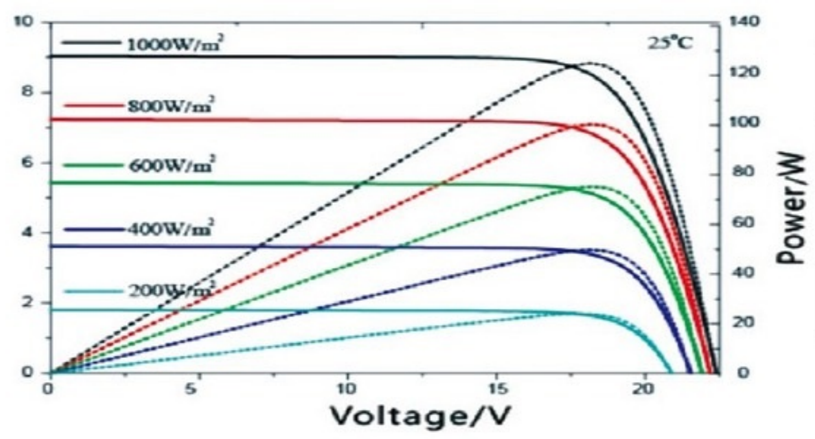
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm², 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS−P36−80	OS−P36−100	OS−P36−120
Maximum Power(Pmax)	80W	100W	120W
Maximum Power Voltage(Vmp)	18.0V	18.0V	18.0V
Maximum Power Current(Imp)	4.45A	5.56A	6.67A
Open Circuit Voltage(Voc)	21.8V	21.8V	21.2V
Short Circuit Current(Isc)	5.38A	6.35A	7.07A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*78	156*104	156*113
Dimensions(mm)	830*670*30	1030*670*30	1200*670*30
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

欧-尚-光-伏
OUSHANG SOLAR

Polycrystalline Silicon Solar Panel OS-P36-150W~175W

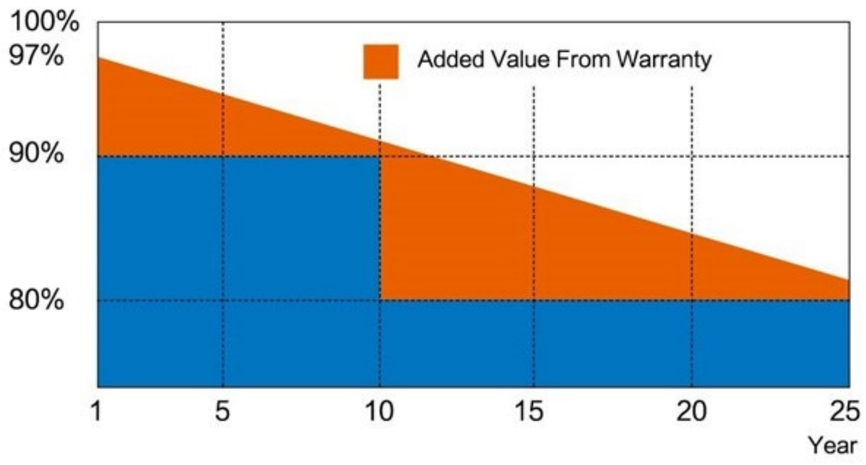


KEY FEATURES

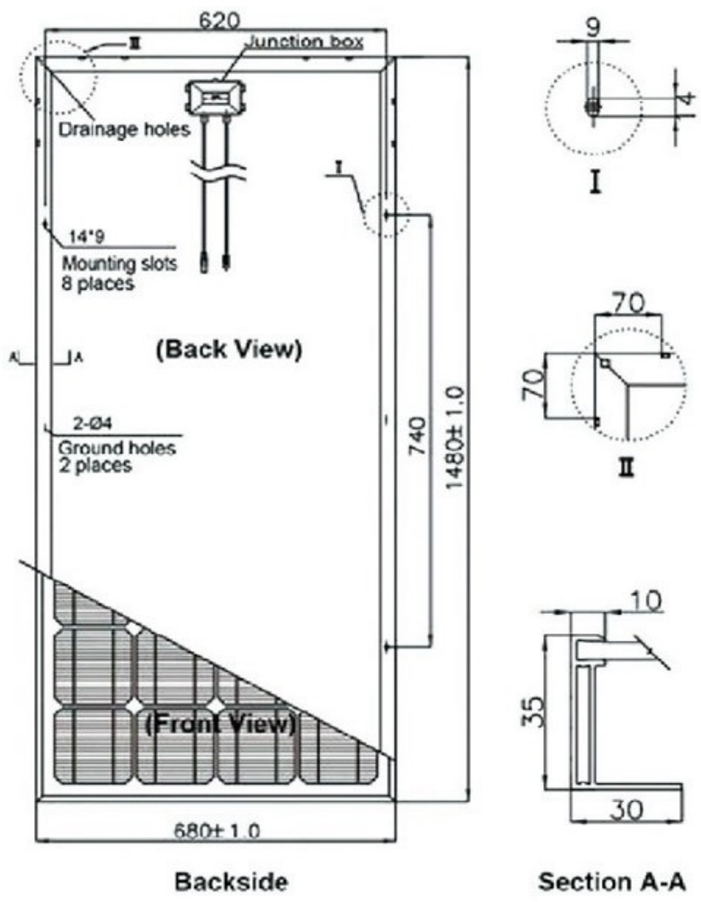
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



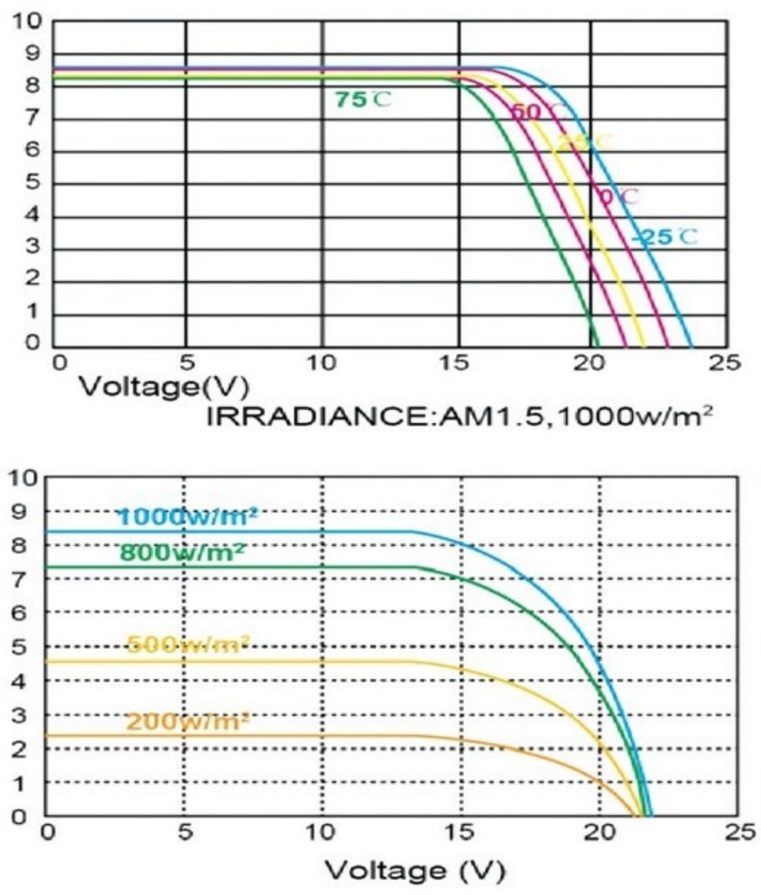
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm^2, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS−P36−150	OS−P36−165	OS−P36−175
Maximum Power(Pmax)	150W	165W	175W
Maximum Power Voltage(Vmp)	18.0V	18.9V	18.9V
Maximum Power Current(Imp)	8.33A	8.73A	9.26A
Open Circuit Voltage(Voc)	21.4V	21.66V	22.49V
Short Circuit Current(Isc)	8.83A	9.14A	9.81A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1480*670*35	1480*670*35	1480*670*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Polycrystalline Silicon Solar Panel OS-P60-250W~270W

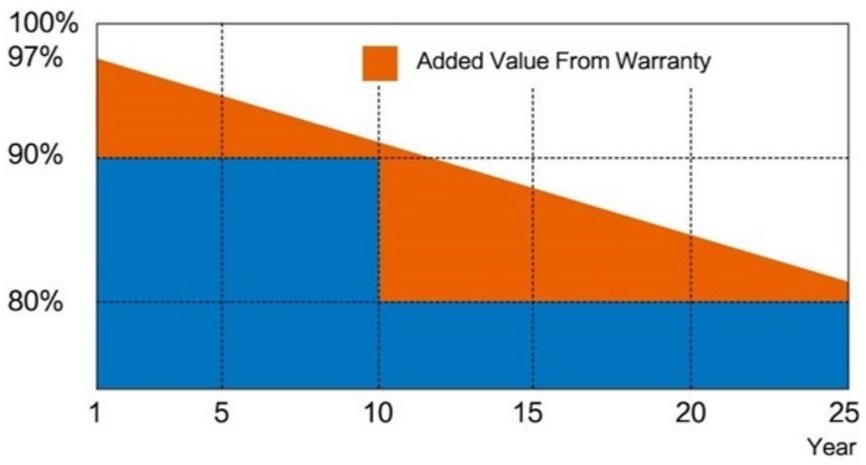


KEY FEATURES

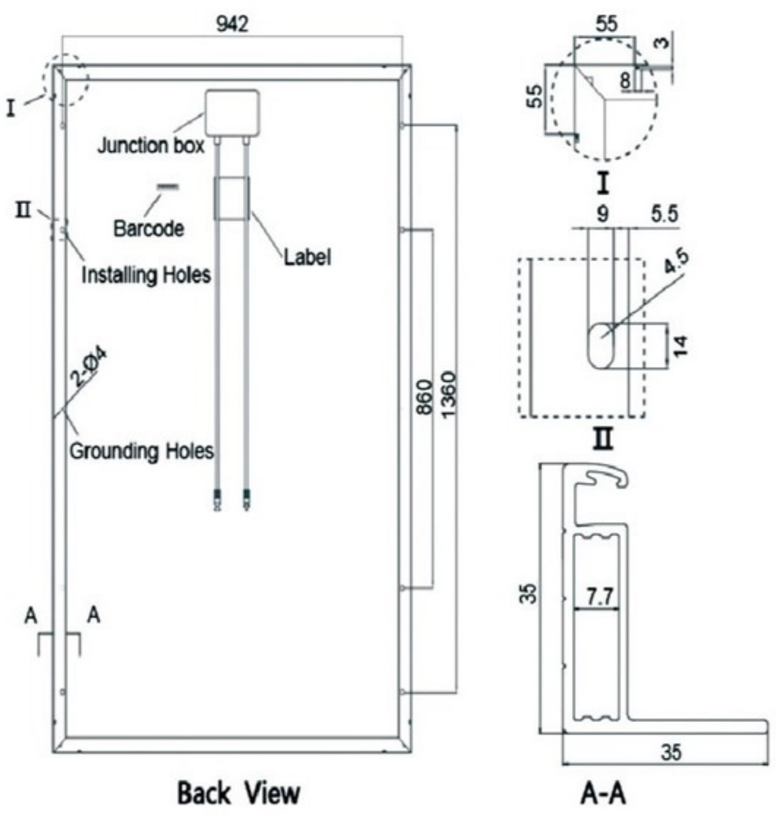
- **PID RESISTANT**
- **High Power Output**
- **High transmission,low Iron Tempered Glass**
- **Bypass Diodes Protection**
- **Salt Mist And Ammonia Resistance Test**

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



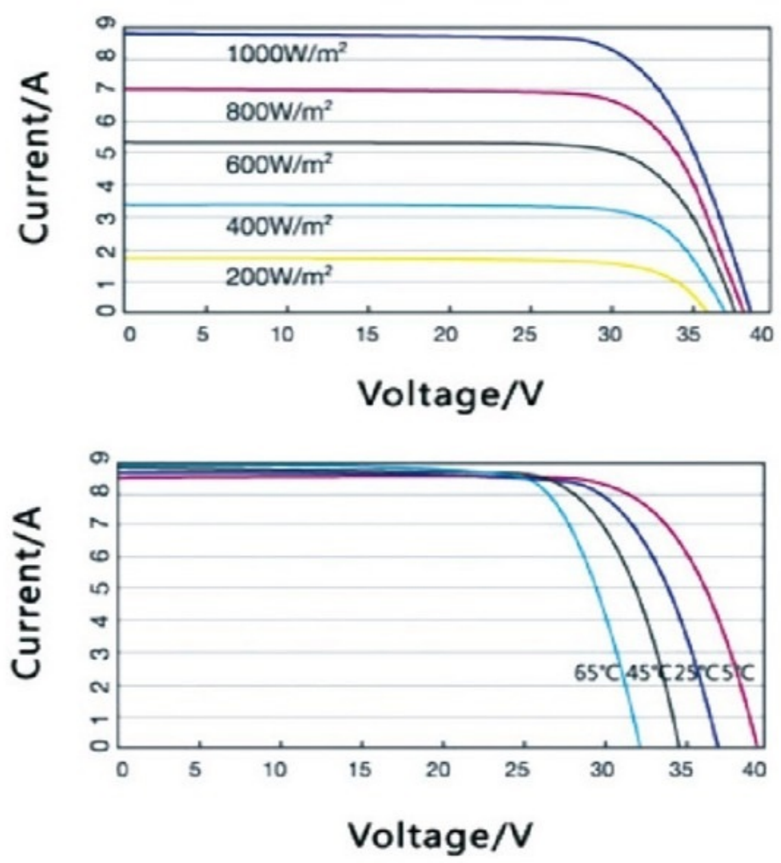
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	$4mm^2$, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS−P60−250	OS−P60−260	OS−P60−270
Maximum Power(Pmax)	250W	260W	270W
Maximum Power Voltage(Vmp)	30.4V	31.5V	31.5V
Maximum Power Current(Imp)	8.22A	8.26A	8.57A
Open Circuit Voltage(Voc)	36.5V	38.05V	38.86V
Short Circuit Current(Isc)	9.21A	9.08A	9.22A
Number of Cells	60(6*10)	60(6*10)	60(6*10)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1640*992*35	1640*992*35	1640*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

欧-尚-光-伏
OUSHANG SOLAR

Polycystalline Silicon Solar Panel OS-P72-300W~315W

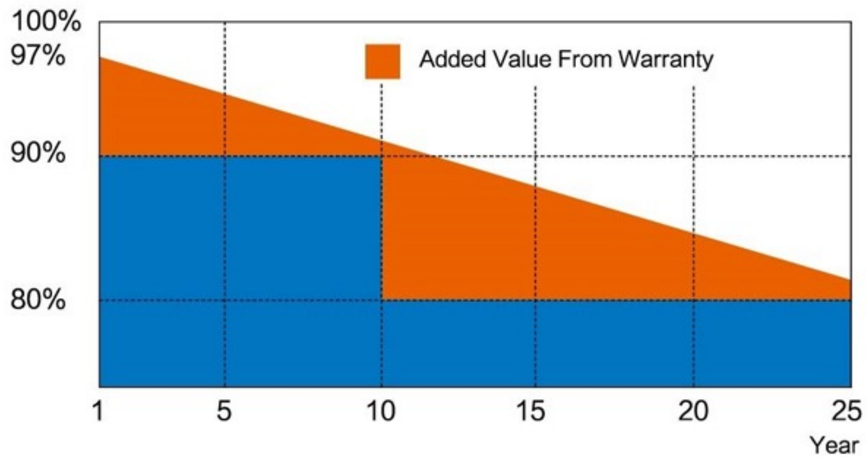


KEY FEATURES

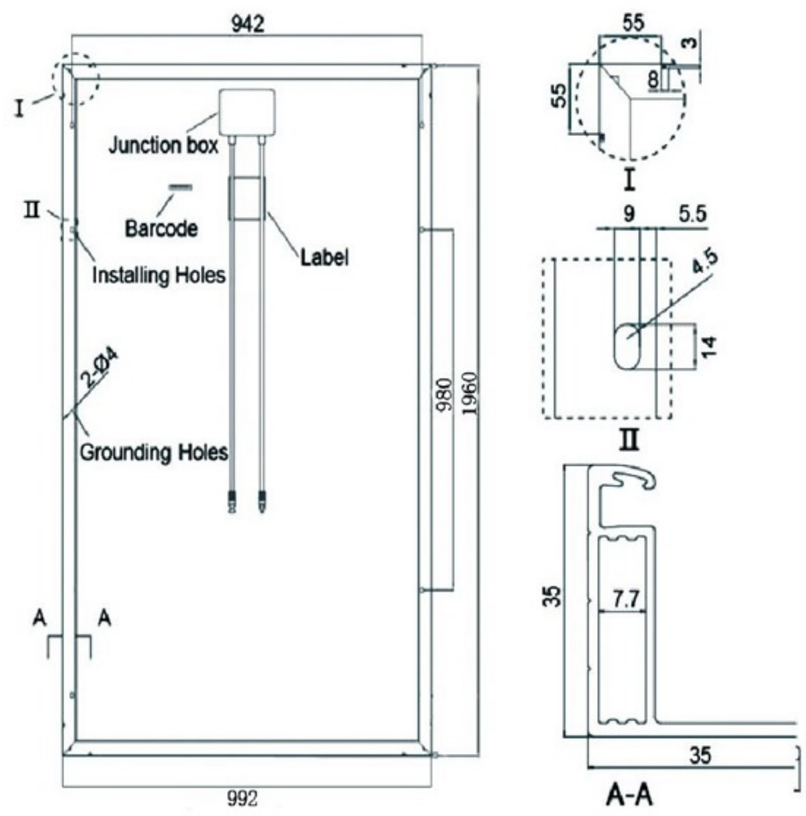
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



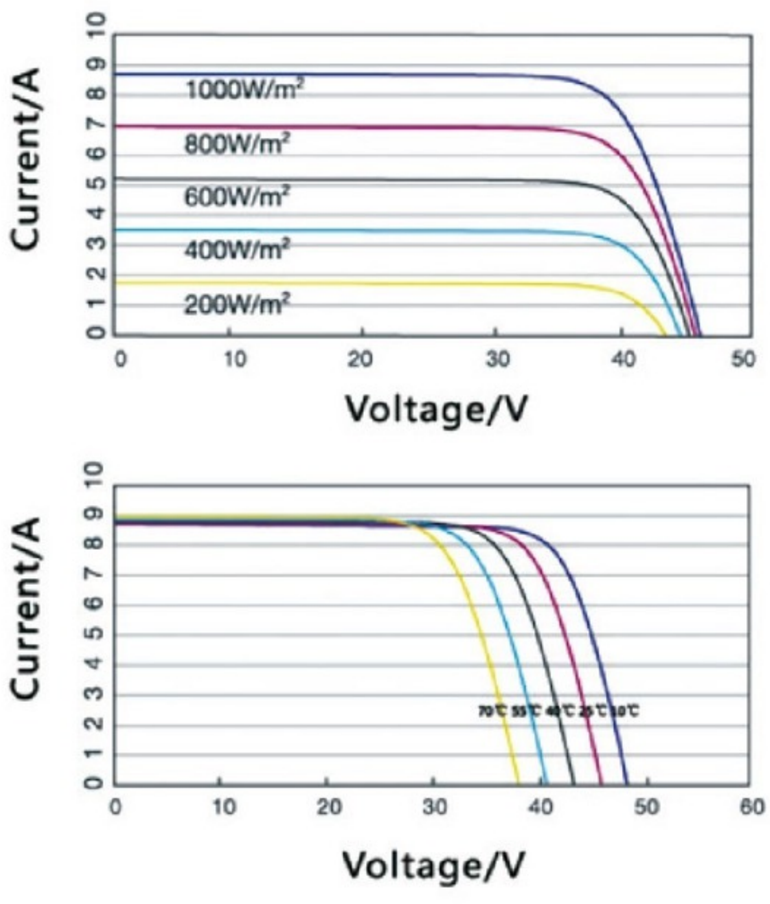
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm², 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS−P72−300	OS−P72−310	OS−P72−315
Maximum Power(Pmax)	300W	310W	315W
Maximum Power Voltage(Vmp)	36.0V	36.5V	36.8V
Maximum Power Current(Imp)	8.33A	8.49A	8.56A
Open Circuit Voltage(Voc)	43.2V	43.5V	43.8V
Short Circuit Current(Isc)	8.83A	8.92A	9.07A
Number of Cells	72(6*12)	72(6*12)	72(6*12)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1955*992*35	1955*992*35	1955*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Polycystalline Silicon Solar Panel OS-P72-320W~330W

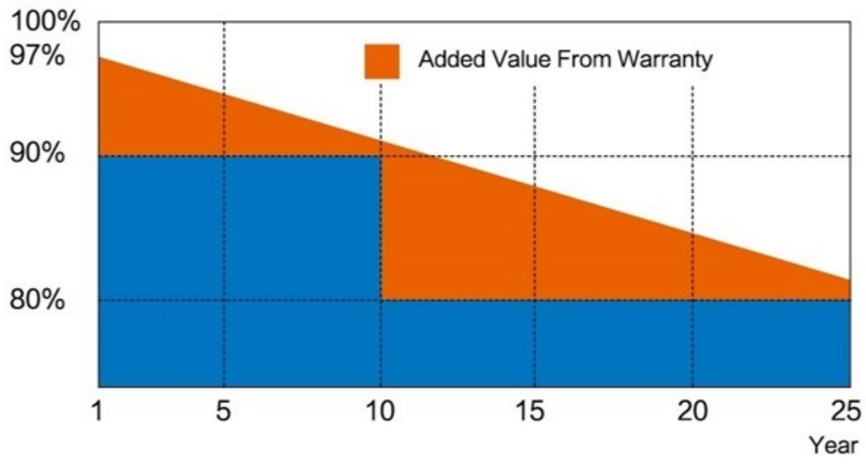


KEY FEATURES

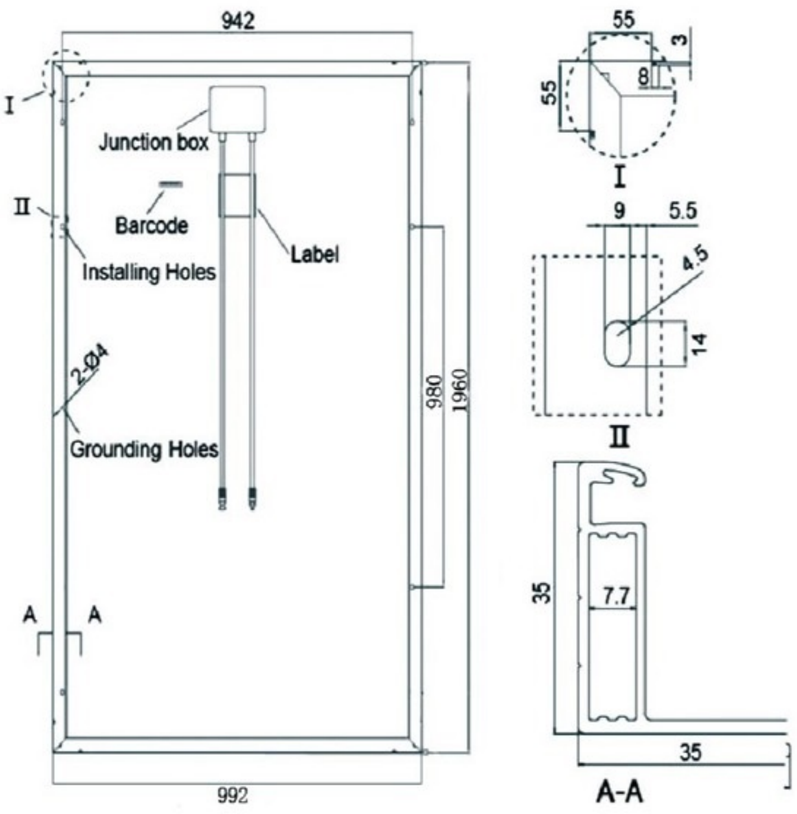
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



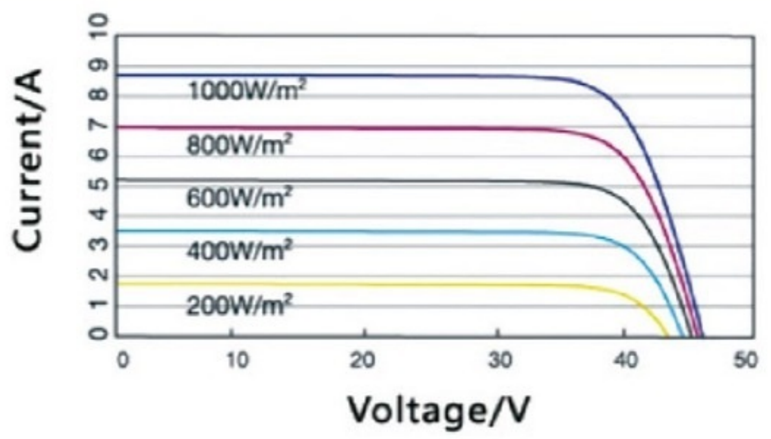
MECHANICAL CHARACTERISTICS

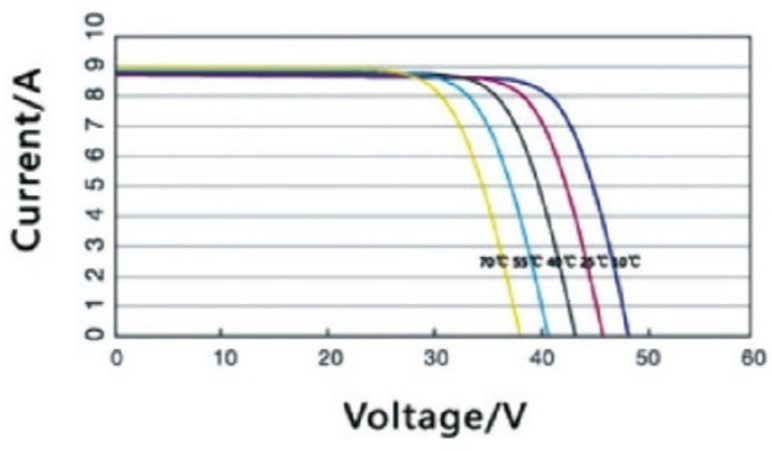
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm^2, 90cm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS−P72−320	OS−P72−325	OS−P72−330
Maximum Power(Pmax)	320W	325W	330W
Maximum Power Voltage(Vmp)	37.8V	37.8V	37.8V
Maximum Power Current(Imp)	8.46A	8.60A	8.73A
Open Circuit Voltage(Voc)	44.27V	44.5V	44.9V
Short Circuit Current(Isc)	9.12A	9.21A	9.25A
Number of Cells	72(6*12)	72(6*12)	72(6*12)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1955*992*35	1955*992*35	1955*992*35
Power Tolerance	±3%		
Maximum System Voltage	1000VDC		

Polycrystalline Half-Cell Solar Panel OS-HP60-275W~295W

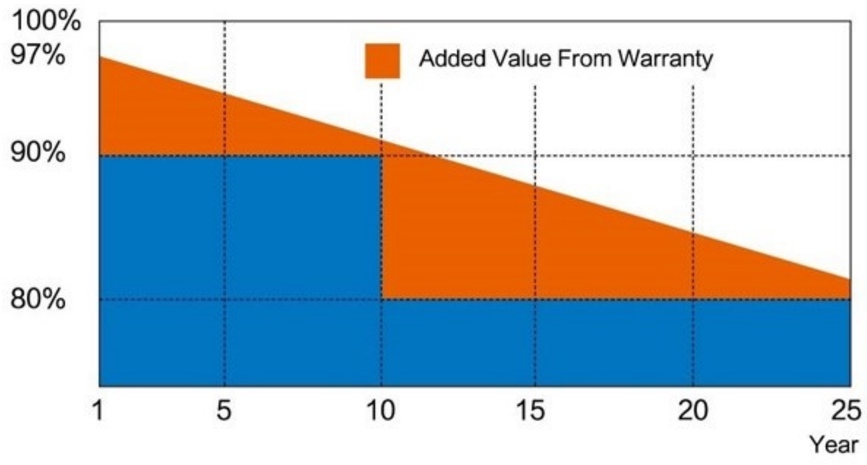


KEY FEATURES

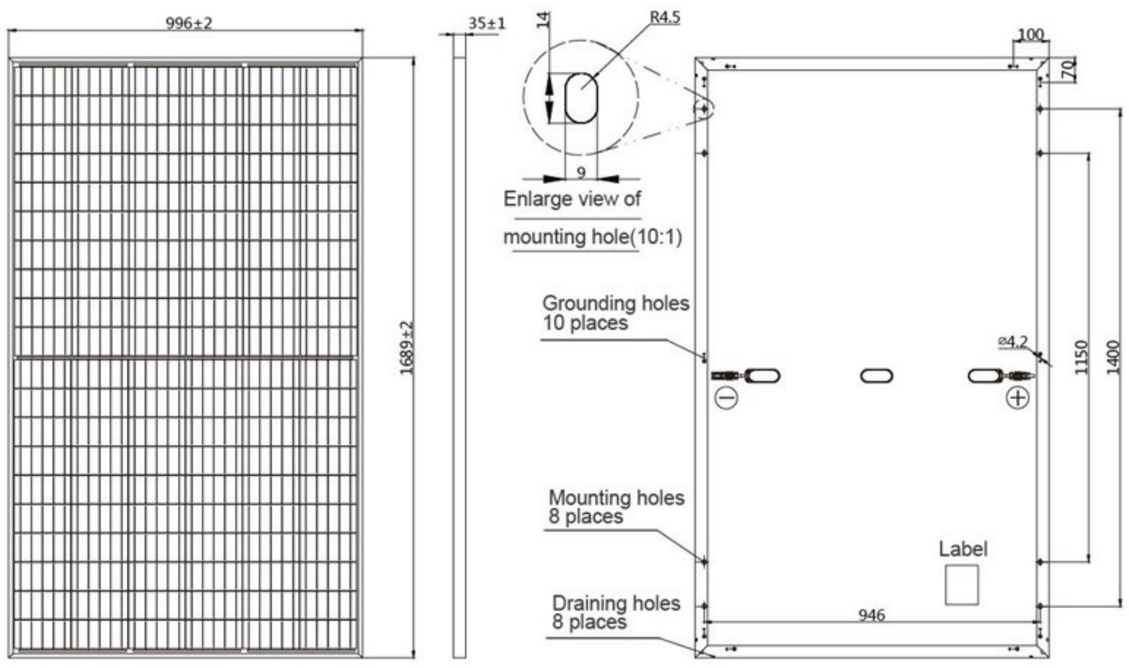
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



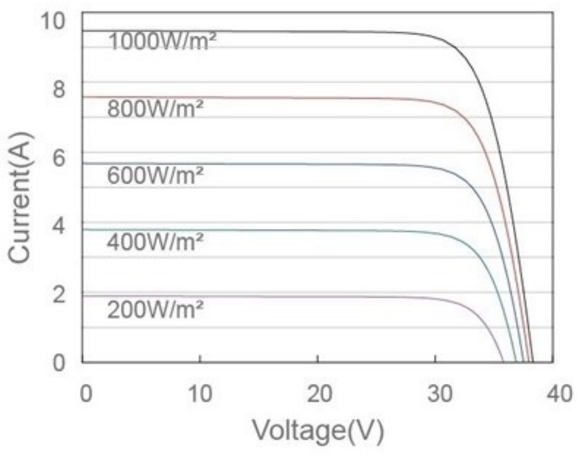
MECHANICAL CHARACTERISTICS

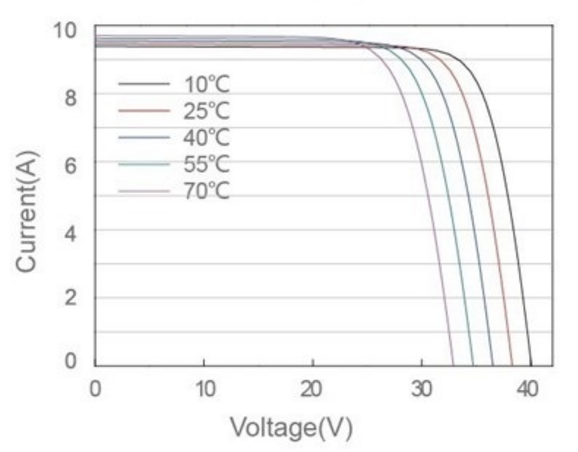
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	$4mm^2$
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS-HP60-275	OS-HP60-280	OS-HP60-295
Maximum Power(Pmax)	275W	280W	295W
Maximum Power Voltage(Vmp)	31.16V	31.43V	32.07V
Maximum Power Current(Imp)	8.82A	8.91A	9.20A
Open Circuit Voltage(Voc)	37.81V	38.04V	38.49V
Short Circuit Current(Isc)	9.26A	9.35A	9.91A
Number of Cells	120(6*20)	120(6*20)	120(6*20)
Size of Cells(mm)	156*78	156*78	156*78
Dimensions(mm)	1689*996*35	1689*996*35	1689*996*35
Power Tolerance	±3%		
Maximum System Voltage	1500VDC		

欧-尚-光-伏
OUSHANG SOLAR

Polycrystalline Half-Cell Solar Panel OS-HP72-330W~350W

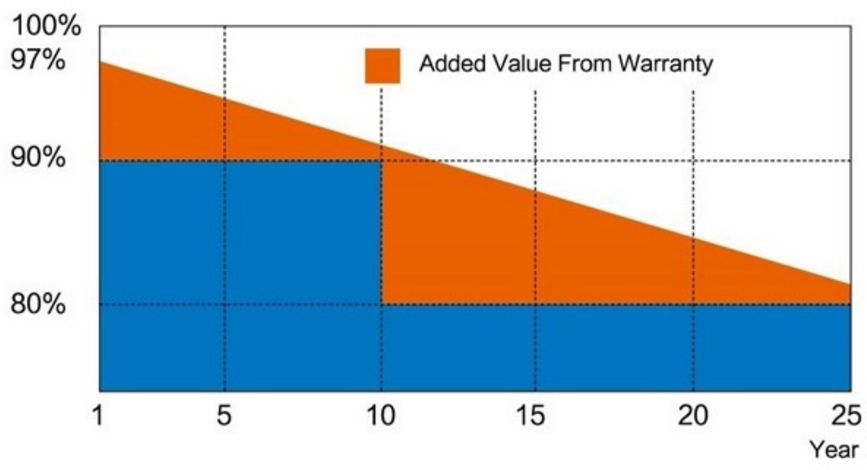


KEY FEATURES

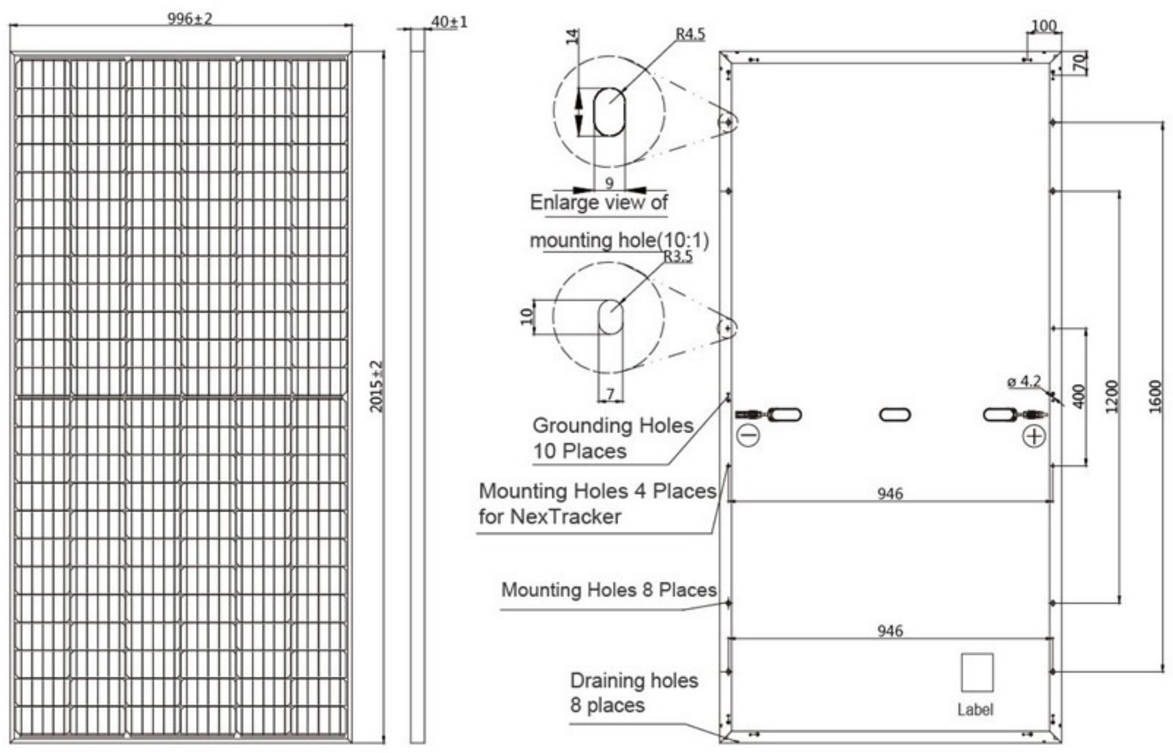
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



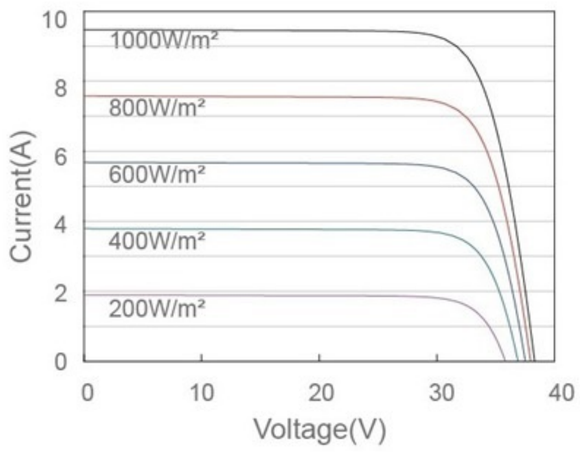
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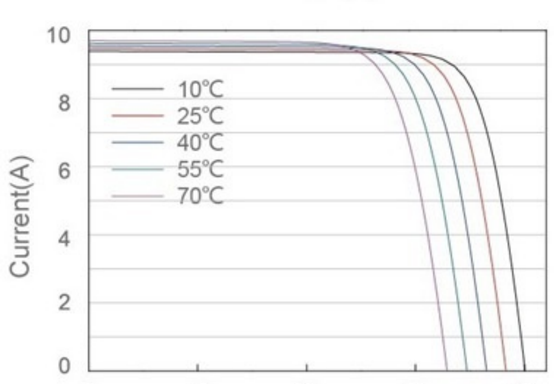
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	$4mm^2$
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.45%/℃
Temperature Coefficient of Voc	−0.35%/℃
Temperature Coefficient of Isc	0.05%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES



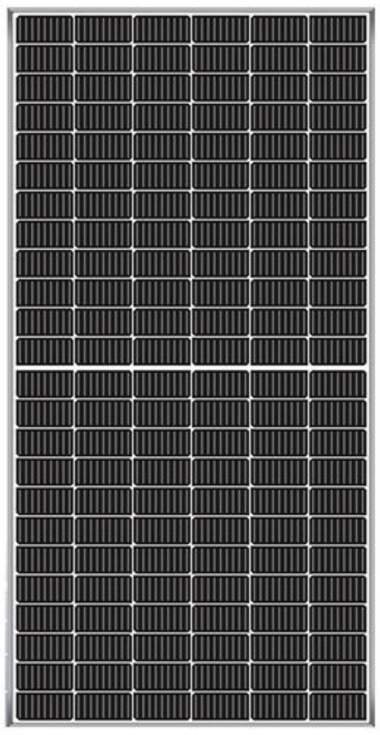


ELECTRONICAL CHARACTERISTICS

Module Type	OS-HP72-330	OS-HP72-340	OS-HP72-350
Maximum Power(Pmax)	330W	340W	350W
Maximum Power Voltage(Vmp)	37.64V	38.02V	38.35V
Maximum Power Current(Imp)	8.77A	8.94A	9.13A
Open Circuit Voltage(Voc)	45.38V	45.82V	46.17V
Short Circuit Current(Isc)	9.24A	9.44A	9.60A
Number of Cells	144(6*24)	144(6*24)	144(6*24)
Size of Cells(mm)	156*78	156*78	156*78
Dimensions(mm)	2015*996*35	2015*996*35	2015*996*35
Power Tolerance	±3%		
Maximum System Voltage	1500VDC		

欧-尚-光-伏
OUSHANG SOLAR

Monocystalline Silicon Solar Panel OS-HM72-445W~455W

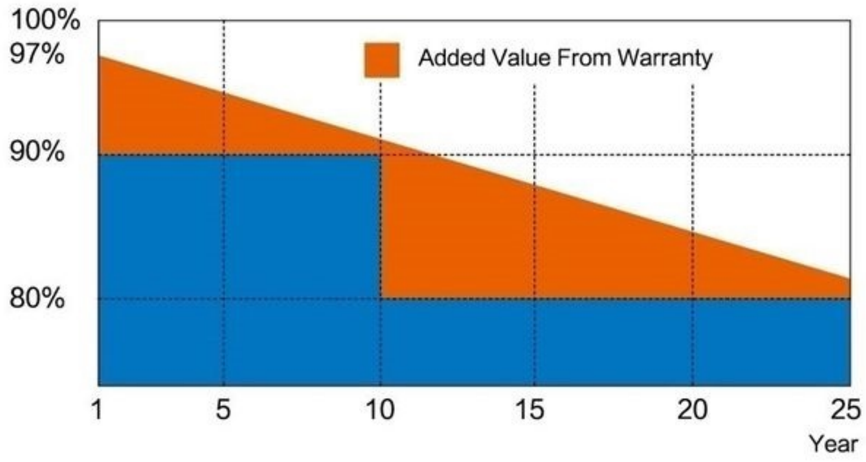


KEY FEATURES

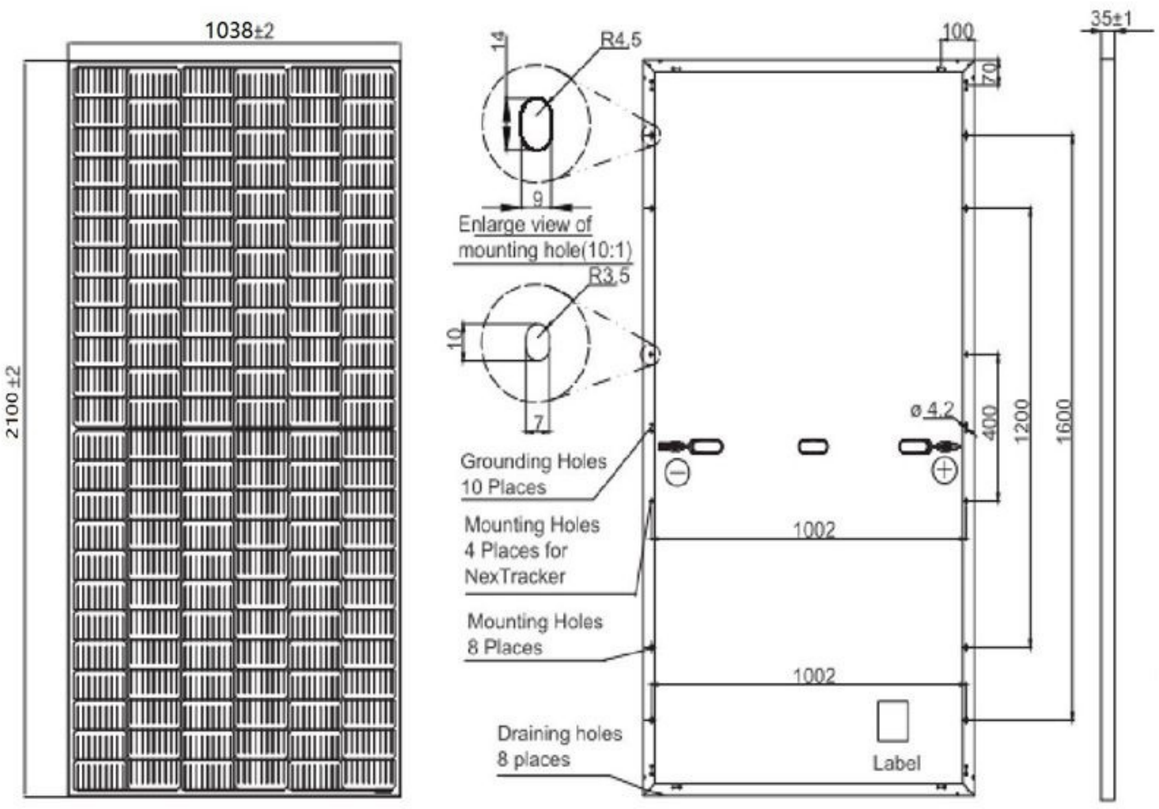
- PID RESISTANT
- High Power Output
- High transmission,low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



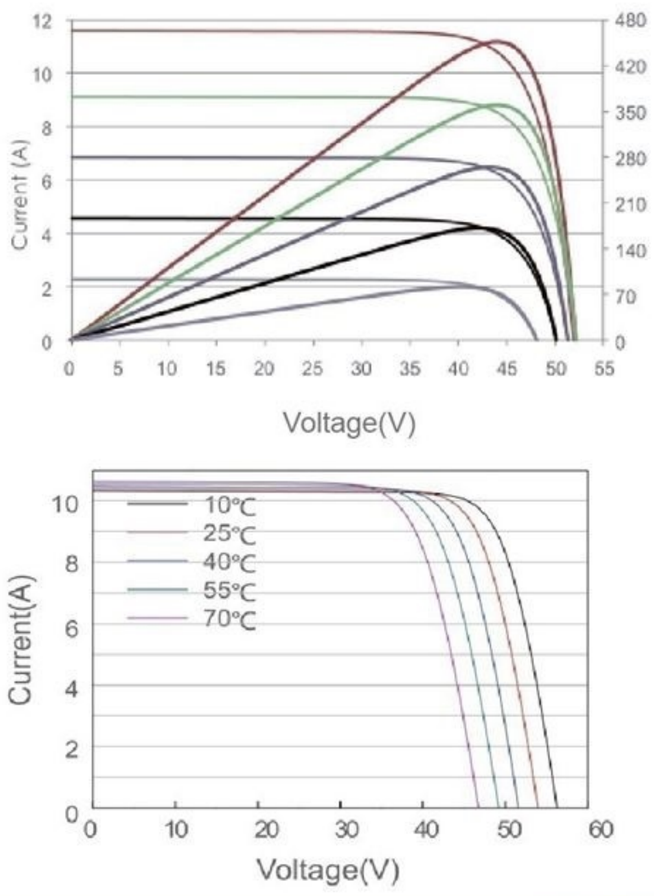
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67, 3 diodes
Cables	4mm²
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47℃ (±2℃)
Temperature Coefficient of Pmax	−0.35%/℃
Temperature Coefficient of Voc	−0.272%/℃
Temperature Coefficient of Isc	0.044%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES

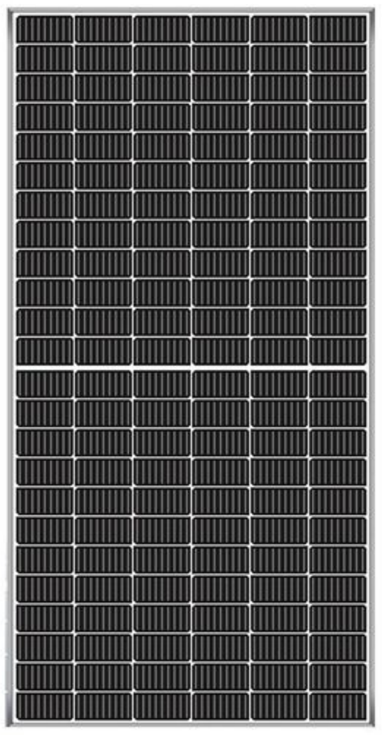


ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM72-445	OS-HM72-455	OS-HM72-455
Maximum Power(Pmax)	445W	450W	455W
Maximum Power Voltage(Vmp)	41.21	41.52	41.82
Maximum Power Current(Imp)	10.80A	10.84A	10.88A
Open Circuit Voltage(Voc)	49.56	49.70	49.85
Short Circuit Current(Isc)	11.32A	11.36A	11.41A
Number of Cells	144(6*24)	144(6*24)	144(6*24)
Size of Cells(mm)	166*83	166*83	166*83
Dimensions(mm)	2100*1038*35	2100*1038*35	2100*1038*35
Power Tolerance	0~+5w		
Maximum System Voltage	1500VDC		

欧-尚-光-伏
OUSHANG SOLAR

Monocystalline Silicon Solar Panel OS-HM72-525W ~ 535W

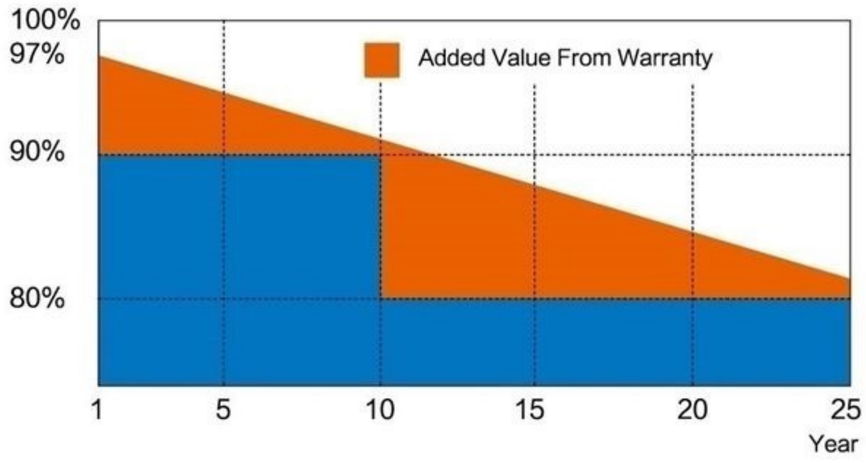


KEY FEATURES

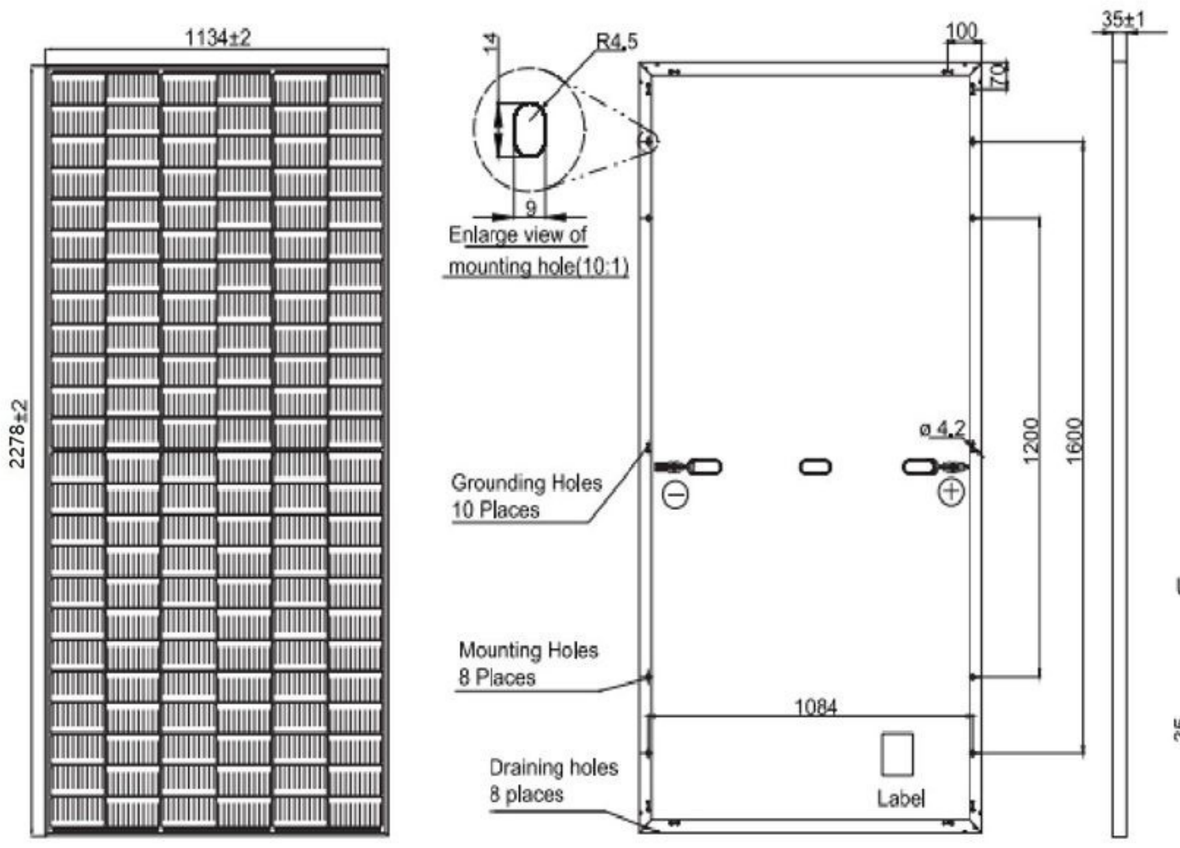
- **PID RESISTANT**
- **High Power Output**
- **High transmission,low Iron Tempered Glass**
- **Bypass Diodes Protection**
- **Salt Mist And Ammonia Resistance Test**

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



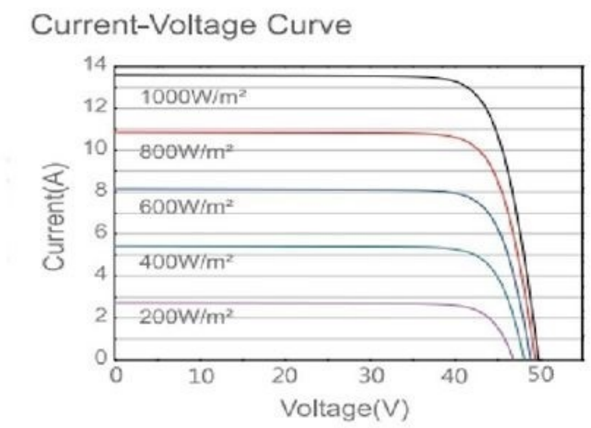
MECHANICAL CHARACTERISTICS

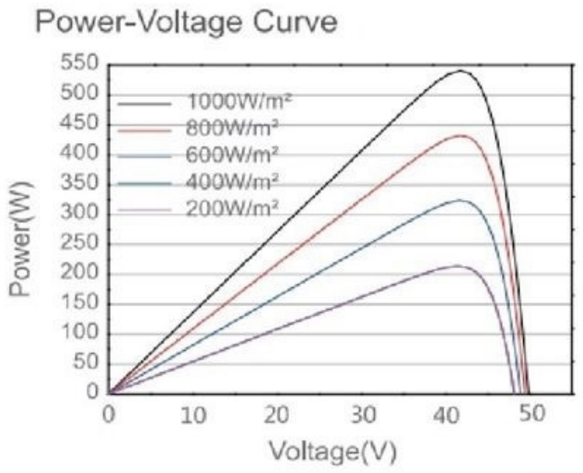
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67, 3 diodes
Cables	4mm²
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	45℃ (±2℃)
Temperature Coefficient of Pmax	−0.35%/℃
Temperature Coefficient of Voc	−0.275%/℃
Temperature Coefficient of Isc	0.045%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





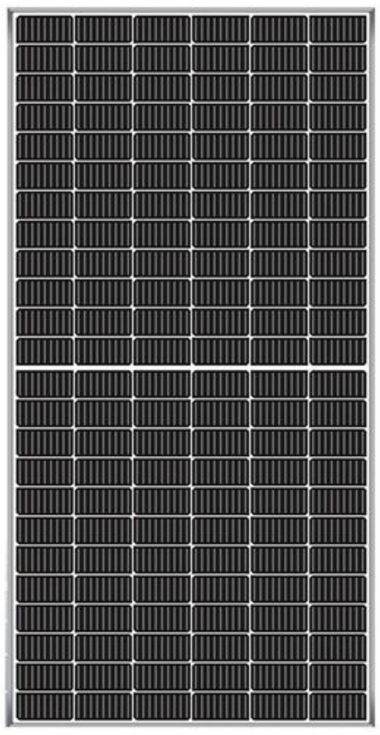
ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM72-525	OS-HM72-530	OS-HM72-535
Maximum Power(Pmax)	525W	530W	535W
Maximum Power Voltage(Vmp)	41.15	41.31	41.47
Maximum Power Current(Imp)	12.76A	12.83A	12.90A
Open Circuit Voltage(Voc)	49.15	49.30	49.45
Short Circuit Current(Isc)	13.65A	13.72A	13.79A
Number of Cells	144 (6*24)	144 (6*24)	144 (6*24)
Size of Cells(mm)	182*91	182*91	182*91
Dimensions(mm)	2278*1134*35	2278*1134*35	2278*1134*35
Power Tolerance	0~+5W		
Maximum System Voltage	1500VDC		

欧-尚-光-伏
OUSHANG SOLAR

Monocystalline Silicon Solar Panel OS-HM72-540W ~ 550W

10BB

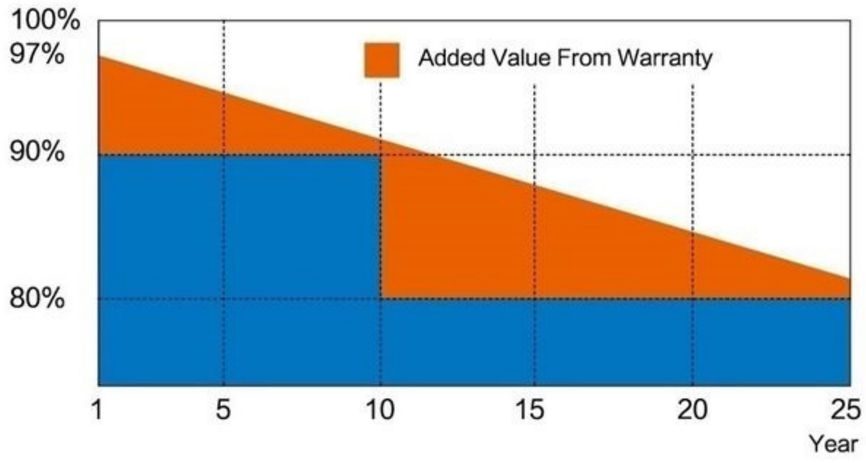


KEY FEATURES

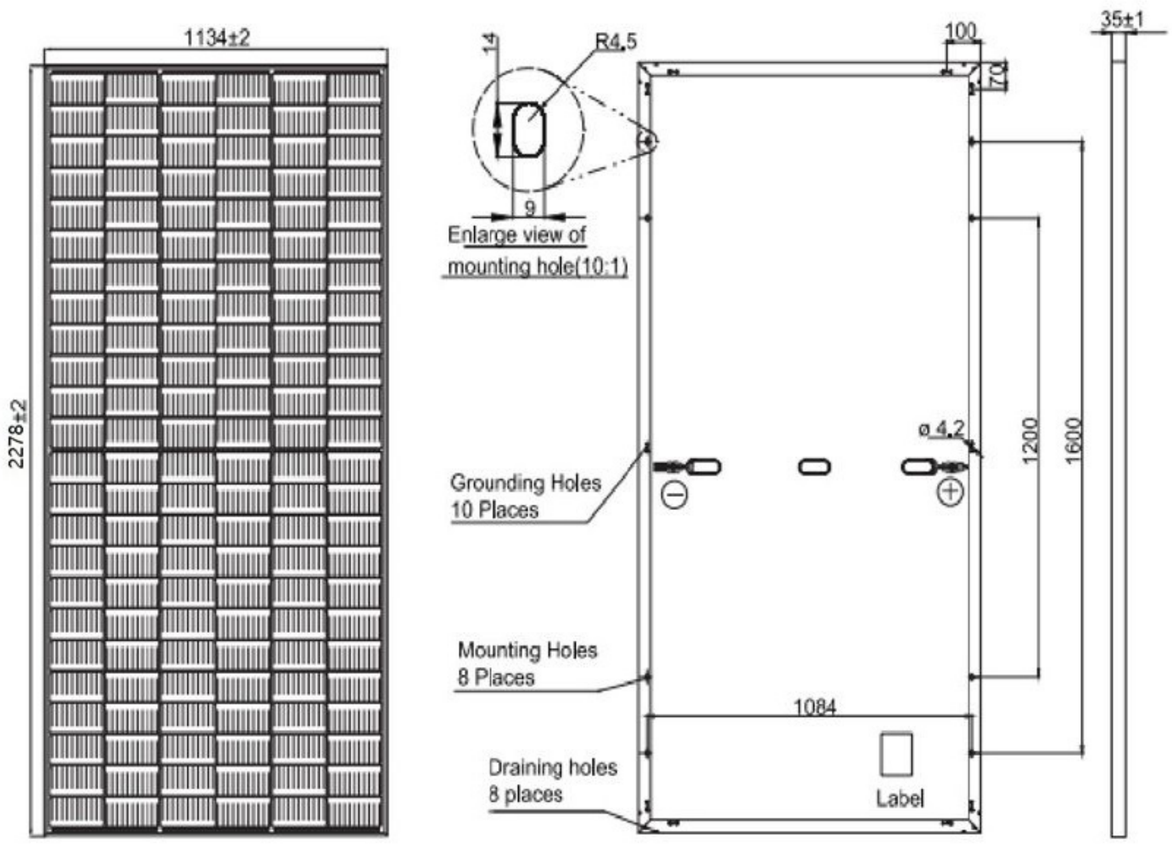
- **PID RESISTANT**
- **High Power Output**
- **High transmission,low Iron Tempered Glass**
- **Bypass Diodes Protection**
- **Salt Mist And Ammonia Resistance Test**

Superior Warranty

- 10−year product warranty
- 25−year linear power output warranty



DIMENSIONS



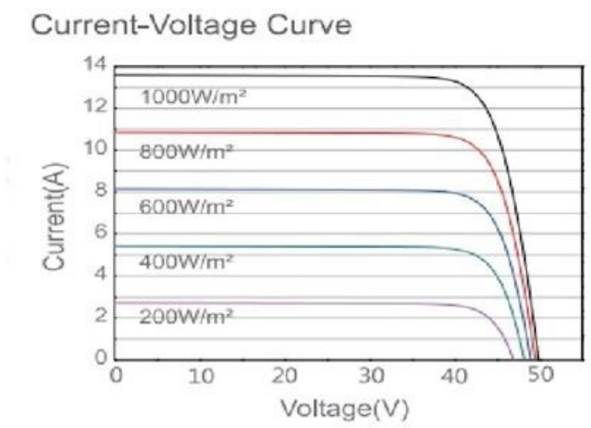
MECHANICAL CHARACTERISTICS

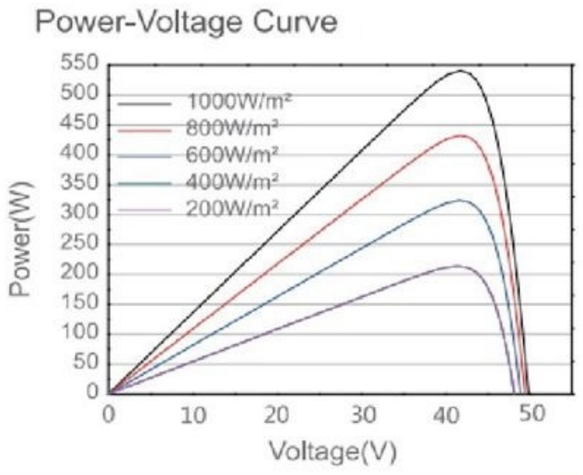
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67, 3 diodes
Cables	4mm²
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	45℃ (±2℃)
Temperature Coefficient of Pmax	−0.35%/℃
Temperature Coefficient of Voc	−0.275%/℃
Temperature Coefficient of Isc	0.045%/℃
Operating Temperature	−40℃ ~ +85℃

I−V CURVES





ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM72-540	OS-HM72-545	OS-HM72-550
Maximum Power(Pmax)	540W	545W	550W
Maximum Power Voltage(Vmp)	41.64	41.80	41.96
Maximum Power Current(Imp)	12.97A	13.04A	13.11A
Open Circuit Voltage(Voc)	49.60	49.75	49.90
Short Circuit Current(Isc)	13.86A	13.93A	14.00A
Number of Cells	144 (6*24)	144 (6*24)	144 (6*24)
Size of Cells(mm)	182*91	182*91	182*91
Dimensions(mm)	2278*1134*35	2278*1134*35	2278*1134*35
Power Tolerance	0~+5W		
Maximum System Voltage	1500VDC		

WALL-MOUNTED SOLAR CONTROLLER - PWM



Model Type		OS-CT-50	OS-CT-75	OS-CT-100
Rated Voltage		192V; x2/384V;		
Rated Current		50	75	100
Input of the photovoltaic module	Maximum Power	10 KWp; x2/384V	15 KWp; x2/384V	20 KWp; x2/384V
	Maximum PV Voltage	⩽350V; x 2/384V		
	Number of inputs	2	3	4
	Maximum Current of each input	25A		
	Voltage of overcharge protection	222.4V; x 2/384V (settable)		
	Voltage of Overcharge recovery	219.2V; x 2/384V (settable)		
DC Output	Rated output current	50A		
	Voltage of Load Overvoltage recovery	248V; x 2/384V (settable)		
	Voltage of Load Overvoltage protection	240V; x 2/384V		
	Voltage of Load Overdischarge recovery	203.2V; x 2/384V (settable)		
	Voltage of Load Overdischarge protection	175V; x 2/384V		
Overall efficiency		>98%		
Protection Function		Charge Overcurrent, overvoltage/DC output undervoltage, overvoltage, overcurrent, etc.		
Starting temperature of the exhaust fan		>45℃		
Ambient temperature for operation		0-40℃		
Ambient temperature for storage		-15℃-+50℃		
Operation/storage conditions		0-90%(no condensation)		
Wall-mounted type	Product dimensions DxWxH(mm)	389*320*98	417*360*118	
	Packing dimensions DxWxH(mm)	430*395*180	440*420*200	
	Net weight/gross weight(kg)	5.2/6.5	8.4/9.75	

OUSHANG SOLAR CONTROLLER



Model Type	OS-CT-030LCD	OS-CT-040LCD	OS-CT-050LCD	OS-CT-060LCD
Rated charge current	30A	40A	50A	60A
Rated load current	20A			
System voltage	12V/24V automatic identification; 24V/48V automatic identification			
Input of pv module	<25V; x2/24V; x4/48V			
	360Wp; x2/24V; x4/48V	480Wp; x2/24V; x4/48V	600Wp; x2/24V; x4/48V	720Wp; x2/24V; x4/48V
No-load loss	<30mA			
Battery capacity	Default; 400AH(settable between 100AH to 9000AH)			
Voltage drop of charge circuit	⩽0.26V			
Voltage drop of discharge circuit	⩽0.15V			
Overvoltage protection	17V; x2/24V; x4/48V			
Charge program	1P		2P	
Voltage of boosting charge	14.2V; x2/24V; x4/48V		14.7V; x2/24V; x4/48V	
Voltage of direct charge	14V; x2/24V; x4/48V		14.2V; x2/24V; x4/48V	
Voltage of floating charge	13.8V; x2/24V; x4/48V			
Overdischarge recovery voltage	12.7V; x2/24V; x4/48V			
Overdischarge voltage	11.1V; x2/24V; x4/48V			
Charge mode	PWM(pulse width modulation)			
Overload protection and short circuit protection	Overload protection upon 1.25 times of the rated current for 60s or 1.5 times of the rated current for 5s; short circuit protection upon three or more times of the rated current			
Operating temperature	Industrial Level: -35℃~+55℃			
Ambient temperature for operation	0~40℃			
Ambient temperature For storage	-15℃~+50℃			
Operation/Storage Conditions	0-90%(no condensation)			
External Dimensions DxWxH(mm)	155*145*67		171*155*65	
Packing Dimensions DxWxH(mm)	192*180*117		221*201*102	
Net weight/gross weight(kg)	0.9/1.1		1.1/1.4	

Oushang Pure Sine Wave Inverter





Model Type		0.3KW	0.5KW	0.7KW	0.7KW	1KW
Rated Power		300W	500W	700W	700W	1,000W
Battery	Rated Voltage	12VDC/24VDC		24VDC	12VDC	12VDC/24VDC
Input	Voltage Range	73-138VAC/145-275VAC				
	Frequency	45-65Hz				
Product Size: L*W*H(mm)		302*122*188			316*149*215	
Packing Size: L*W*H(mm)		375*195*260			410*215*280	

Model Type		1KW	1.5KW	2KW	3KW	4KW	5KW	6KW	8KW
Rated Power		1,000W	1,500W	2,000W	3,000W	4,000W	5,000W	6,000W	8,000W
Battery	Rated Voltage	12VDC/24VDC/48VDC				24VDC/48VDC		48VDC/96VDC	
	Charge Current	30A (default) C0-C6							
	Battery type	U0-U7							
Input	Voltage range	85-138VAC/170-275VAC							
	Frequency	45-65Hz							
Product Size: L*W*H(mm)		486*247*179				555*307*189		653*332*260	
Packing Size: L*W*H(mm)		550*310*230				640*370*240		715*365*310	

GEL BATTERY



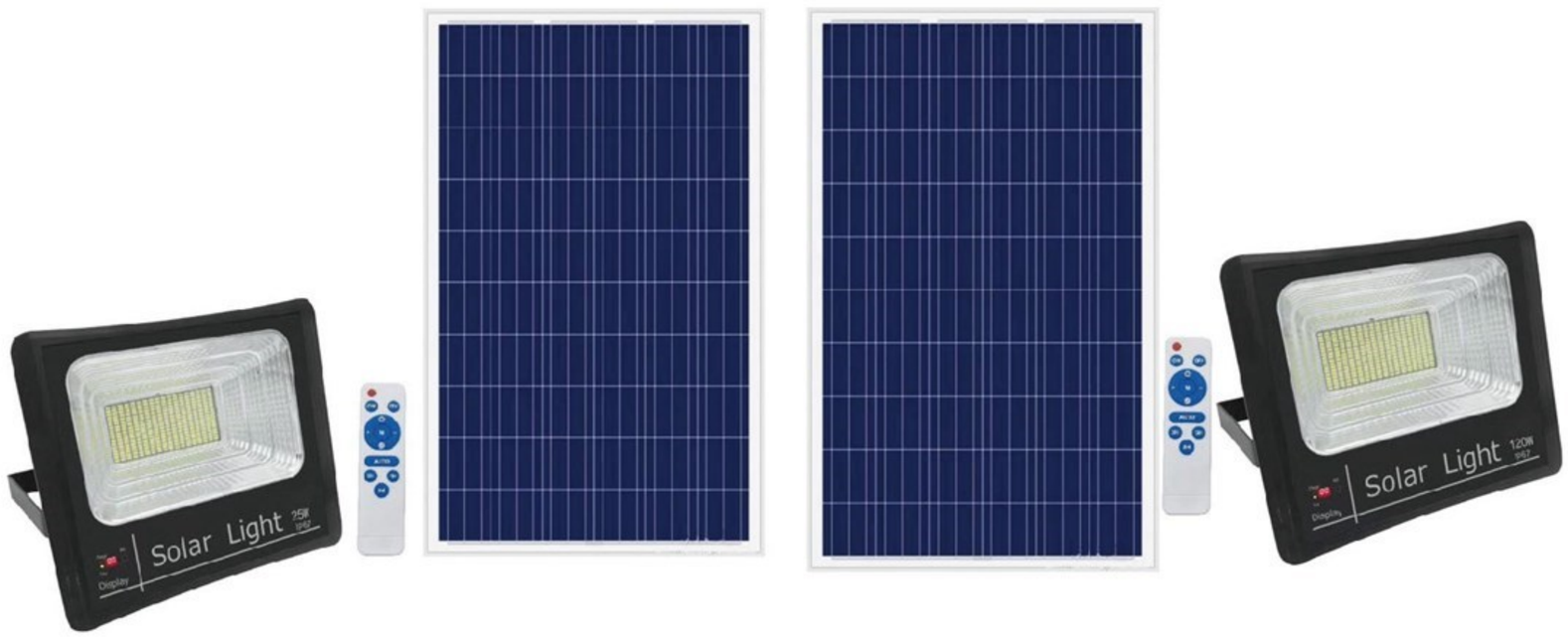


Main Features

- Long service lifespan: charge and discharge cycle over 1500 times
- Fast charging speed: about 1.5 times than the normal battery
- High depth-of-Discharge: depth-of-discharge of 95%(DOC of 95%)
- Large battery capacity: storage battery about 5 times than the normal battery
- Easy installation: small and light, no need for foundation
- Lost cost for a complete set: low power solar panel with module(20W LED source only needs 70w solar panel), the complete set of the street light needs only 2 meters cable, no need for battery hole/foundation/ controller, saving a lot of cost for material and labor.
- Lighting 10 hours one day, 365 days continuous working
- Intelligent system: the LED source, solar panel & lithium battery allocated by the lithium battery system to reduce the energy loss by the unreasonable matching.

Light Power	Length of Pole (meter)	Voltage(V)	Type of Lithium Battery	Equal to Battery Capacity	Power of Solar Panel	Hours of Lighting
20W	5m	12V	10W	24AH	40W	5hours
			15W	38AH	50W	8hours
			20W	50AH	60W	10hours
30W	6m	12V	20W	50AH	60W	5hours
			25W	65AH	70W	8hours
			30W	80AH	80W	10hours
40W	7m	12V	30W	80AH	70W	5hours
			35W	90AH	80W	8hours
			40W	100AH	90W	10hours
50W	8m	12V	40W	100AH	90W	5hours
			45W	120AH	100W	8hours
			50W	150AH	110W	10hours
60W	9m	12V	50W	150AH	110W	5hours
			55W	160AH	120W	8hours
			60W	180AH	130W	10hours
70W		24V	70W	200AH	180W	10hours
80W	10-12m	24V	80W	240AH	200W	10hours
90W		24V	90W	300AH	240W	10hours
100W		24V	100W	360AH	300W	10hours

Oushang Solar Flood Light



Model	OSTGD-01-25W	OSTGD-01-40W	OSTGD-01-60W	OSTGD-01-120W	OSTGD-01-200W
Light Power	25W	40W	60W	120W	200W
Solar Panel	Poly (6V/10W)	Poly (6V/15W)	Poly (6V/18W)	Poly (12V/30W)	Poly (12V/35W)
Solar Panel Size	345*175*17mm	240*270*17mm	350*350*17mm	530*350*17mm	580*350*17mm
Battery	3.2V/6,000mA	3.2V/10,000mA	3.2V/20,000mA	6.4V/20,000mA	6.4V/30,000mA
SMT Lamp Bead	Changfang, 42 pieces	Changfang, 80 pieces	Changfang, 120 pieces	Changfang, 240 pieces	Changfang, 306 pieces
Texture	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Waterproof Class	IP67	IP67	IP67	IP67	IP67
Charging Time	5-6 Hours	5-6 Hours	4-5 Hours	4-5 Hours	5-8 Hours
Lighting Time	12-14 Hours	12-14 Hours	12-14 Hours	12-14 Hours	14-16 Hours
Lighting Area	80 sq.m.	100 sq.m.	120 sq.m.	150 sq.m.	200 sq.m.
Quantity per box	10 sets	8 sets	6 sets	4 sets	4 sets
Light Box Size	36*11.5*24cm	38*13*31.5cm	43*12*38cm	30.8*8.5*25.7cm	34.7*9.3*28.5cm
Packing Size per box	47*34*39cm	50*33*41.5cm	43*40*45cm	38*28*55cm	37*32*65cm
Light Size	19.1*16.0*4.7cm	22.5*19.2*6.4cm	26.6*22.1*6.3cm	30.1*25*7.6cm	34*28*8.6cm
Net Weight per Set	2.3KG	3.3KG	4.2KG	5.6KG	6.9KG
Gross Weight/Box	24KG	28KG	30.5KG	23KG	28KG
Highlights	Power Indicator + Light Control + Remote Control				





Oushang Solar Flood Light





Model	OSTGD-02-25W	OSTGD-02-40W	OSTGD-02-60W	OSTGD-02-100W	OSTGD-02-200W
Light Power	25W	40W	60W	100W	200W
Solar Panel	Poly (6V/12W)	Poly (6V/18W)	Poly (6V/20W)	Poly (6V/30W)	Poly (12V/35W)
Solar Panel Size	350*240*17mm	350*260*17mm	350*350*17mm	530*350*17mm	580*350*17mm
Battery	3.2V/6,000mA	3.2V/11,000mA	3.2V/16,500mA	3.2V/22,000mA	6.4V/22,000mA
SMT Lamp Bead	Changfang, 42pcs	Changfang, 72pcs	Changfang, 88pcs	Changfang, 208pcs	Changfang, 400pcs
Texture	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Waterproof Class	IP67	IP67	IP67	IP67	IP67
Charging Time	5-6 Hours	5-6 Hours	5-6 Hours	4-5 Hours	5-8 Hours
Lighting Time	12-14 Hours	12-14 Hours	12-14 Hours	12-14 Hours	14-16 Hours
Lighting Area	80 sq.m.	100 sq.m.	120 sq.m.	150 sq.m.	200 sq.m.
Quantity per box	10 sets	8 sets	6 sets	4 sets	4 sets
Packing Size per box	47*32*38cm	50*29.5*43cm	43*43*37cm	38*30*58cm	38*34*62cm
Gross Weight per Box	21.5KG	24.5KG	28.0KG	21.5KG	26KG
Gross Weight per Set	2.1KG	3.0KG	4.6KG	5.3KG	6.3KG
Highlights	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control

Oushang Solar Flood Light







Model	OSTGD-03-25W	OSTGD-03-40W	OSTGD-03-60W	OSTGD-03-100W
Light Power	25W	40W	60W	100W
Solar Panel	Poly (6V/12W)	Poly (6V/18W)	Poly (6V/20W)	Poly (12V/30W)
Solar Panel Size	350*240*17mm	350*260*17mm	350*350*17mm	530*350*17mm
Battery	3.2V/6,000mA	3.2V/12,000mA	3.2V/16,500mA	6.4V/22,000mA
SMT Lamp Bead	Changfang Chip 42pcs	Changfang Chip 72pcs	Changfang Chip 88pcs	Changfang Chip 208pcs
Texture	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Waterproof Class	IP67	IP67	IP67	IP67
Charging Time	5-6 Hours	5-6 Hours	4-5 Hours	4-5 Hours
Lighting Time	12-14 Hours	12-14 Hours	12-14 Hours	12-14 Hours
Lighting Area	80 sq.m.	100 sq.m.	120 sq.m.	150 sq.m.
Quantity per box	10 sets	8 sets	6 sets	5 sets
Packing Size per box	48*44*48cm	53*30*54cm	46*51*37cm	57*38*57cm
Gross Weight per Box	26KG	31.0KG	34.5KG	30.5KG
Gross Weight per Set	2.55KG	3.8KG	5.6KG	6.0KG
Highlights	Power Indicator + Remote Control			

Oushang Integrated Solar Street Light





Model	OS-JZ-15W	OS-JZ-20W	OS-JZ-30W	OS-JZ-40W
Shell Material	High Quality Aluminum Alloy			
Solar Panel	16V/20W	16V/30W	16V/40W	16V/50W
Built-in Lithium Battery Pack	12.8V/16AH	12.8V/21AH	12.8V/32AH	12.8V/42AH
LED Luminous Color Temperature	4200K/6000K			
LED Power	15W	20W	30W	40W
Infrared Induction Distance	8-15M			
Charging Time	Standard sunshine 7-9H			
Lighting Time	Rainy days 4-7days			
Installation Height	4-8M		6-10M	
Product Size	650*310*60mm	850*310*60mm	1020*310*60mm	1210*310*60mm
Product Net Weight	9.2Kg	11.8Kg	14.5Kg	17.5Kg



Model	OS-JZ-4W	OS-JZ-6W	OS-JZ-8W
Shell Material	ABS		
Solar Panel	9V/4W	9V/6W	9V/8W
Built-in Lithium Battery Pack	7.4V/2000mAH	7.4V/4000mAH	7.4V/6000mAH
LED Luminous Color Temperature	4200K/6000K		
LED Power	4W	6W	8W
Infrared Induction Distance	6-10M		
Charging Time	Standard sunshine 6-8H		
Lighting Time	Rainy days 2-3days		
Installation Height	2.5-4M		
Product Size	268*148*38mm	300*160*38mm	366*208*40mm
Product Net Weight	0.9Kg	1.1Kg	1.5Kg

Oushang Street Light





Model		OS-TY-30W	OS-TY-50W
Solar Panel	Parameter	5V/60W	5V/90W
	Life Span	25Years	25Years
Battery	Voltage /Capacity	3.2V/50Ah LiFePO4 Battery	3.2V/65Ah LiFePO4 Battery
	Life Span	8-12 years	8-12 years
LED	Luminous Flux	3200Lm / Nichia LED (Common 30W LED)	5400Lm / Nichia LED (Common 50W LED)
	Life Span	50,000 hours	50,000 hours
Installation Height		6-8m	8-10m
Installation Distance		25-35m	35-45m
Control Mode		Decoder control, dry season mode(full sunshine): The highest power in the first 4 hours is 30W. Rainy season mode(less sunshine): The highest power in the first 4 hours is 15w.	Decoder control, dry season mode(full sunshine): The highest power in the first 4 hours is 50W. Rainy season mode(less sunshine): The highest power in the first 4 hours is 25w.
Lighting Time		All night lighting, the first 4 hrs full power lighting, the rest night lighting is intelligent power control.	
Lens		Using Japan Teijin Chemicals PC outdoor optical lens, 93% light transmittance.	
Warranty		5 years	
Quantity of Package		4pcs	
Package Size(LED)		595*295*275mm	

Oushang Integrated Solar Street Light





Model	OS-ZZN-50W
Wattage	50W
Dimension	1145*360*140±5%mm
Led Quantity	60pcs
Light Color	Cool White
Chip Brand	Bridgelux-USA
Color Temperature	6000K
Life Time	>50000 Hours
Luminous Flux	≥ 4000-4800LM (Full power)
Light Distribution Curve	Broadwise120° / Endwise60°
Material	6063 Aluminum
Solar Panel	Maximum wattage 60W/18V (Efficient Imported Mono-crystalline)
Battery	LFP Lithium Battery (12.8V/27AH)
Charging Time	8-10hrs (with enough strong sunshine)
Discharge Mode	Lighting control+Humanized Timing control, (3hrs 100% wattage, 3hrs 50%wattage, 4hrs 20% wattage, this mode can be customized according to customer's requirement)
Protection Grade	IP65
Pole Diameter	Φ60-90mm
Install Height	6-8m
Pole Distance	20-25m
Working Temperature	-10℃ - +60℃
Adaptive Humidity	≥ 95%
Storage Condition	-40℃ -80℃





Oushang Solar Garden Light



Model	OS-ZZN-20W	OS-ZZN-30W
Wattage	20W	30W
Dimension	Φ400mm	Φ520*H105/Φ520*H248
Led Quantity	180PCS	
Light Color	cool white	
Chip Brand	Sanan	
Color Temperature	6000K-6500K	
Life Time	>50000 Hours	
Luminous Flux	⩾ 2000-2100LM(Full wattage)	
Material	6063 Aluminum	
Solar Panel	Mono 15W/18V	Mono 25W/18V
Battery	LFP Lithium battery3.2V/15AH	LFP Lithium Battery 3.2V/36AH
Charging Time	10hrs (with enough strong sunshine)	
Discharge Mode	Mode A : 4Hrs 100% power working+remaining time working with sensor Mode B : Sensor mode for whole night	
Protection Grade	IP65	IP65
Install Height	3-4m	4-6m
Pole Diameter	Φ26mm	Φ80mm
Working Temperature	-10℃ - +50℃	
Storage Condition	-20℃ - +60℃	
Application	Outside garage, Garden, Entrance of your house, Patio(pool and back), Garden, Mail box, Driveway, Camping Site, Rural street,Farm,Greenery belts,Squares	





Oushang Solar Street Light





Model	OS-PD-30W	
Solar Panel	Maximum Power	36W/12V
	Working Life	25 years
Battery	Type	Lithium Battery 7.4V/24AH
	Working Life	5-8 years
LED Light	Power	30W
	Chip Brand	Philips
	Lumen	2200-2600LM
	Working Life	50,000 hours
Height / Space	4-5m / 15-20m	
Light Texture	Die-casting Aluminium	
Charging Time	Efficient Sunlight 6 hours	
Discharge Time	15 - 30 hours	
Lighting Time	10-12 hours per day, 3-5 days on rainy days	
Light Mode	Light control + Time control, Radar induction optional	
Certificates	CE, ROHS, IP65	
Product Warranty	3 years	
Packing	Product size	500*270*160mm
	Net Weight	8kg
	Packing size	580*340*220mm
	Gross Weight	10kg
	Packing Quantity per Box	1 set

Oushang Solar Street Light



Model Type	OS-DJD-150W
Solar Panel	A grade, polycrystalline, 6V/30W
Light Souce	1C179B, 5730 high lighting bead, battery status display
Power	150W
Work Mode	Time Controll 12 hours + remote control
Charge Time	24 to 36 hours of charging time in one day under sunlight
Color Temperature	6000k-6500k
Battery Capacity	32650 lithium iron phosphate battery, 3.2V/25,000mah
Light Size	530*280*200mm
Packing Quantity	2 sets/box
Light Body Texture	ABS anti - UV engineering plastic

Oushang Solar Street Light



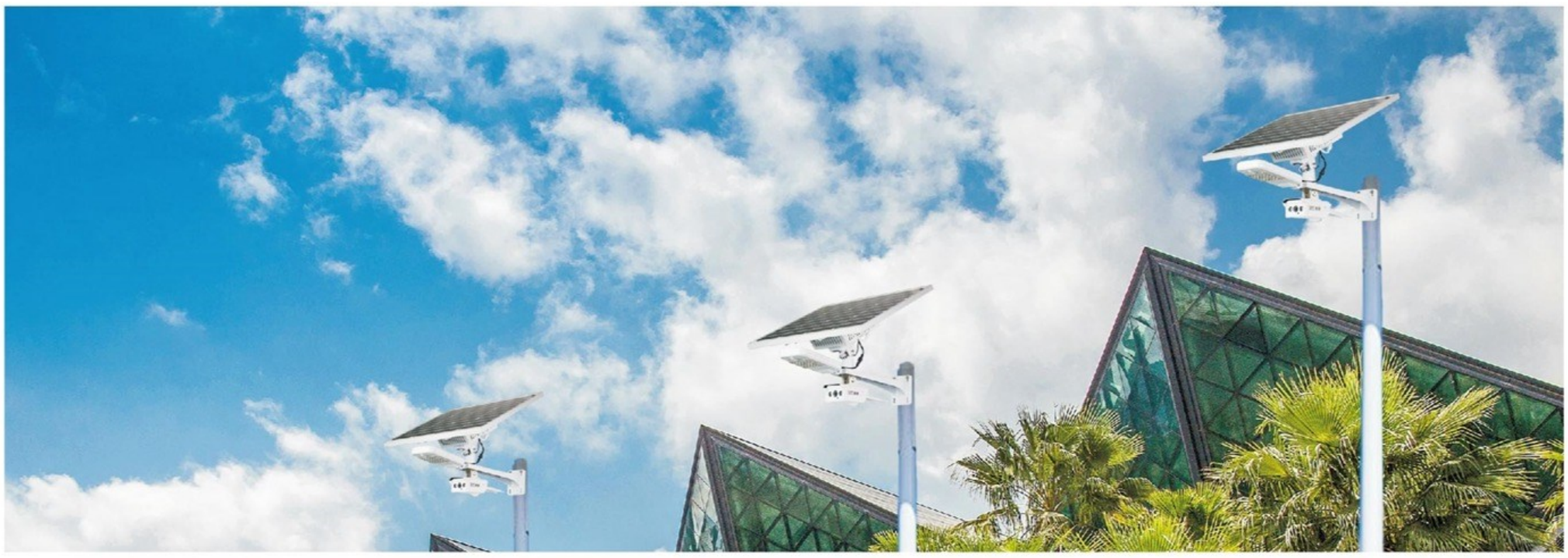
Model	OSLD-YSK-60	OSLD-YSK-100	OSLD-YSK-200
Light Power	60W	100W	200W
Battery	3.2V/15,000mA	3.2V/20,000mA	3.2V/30,000mA
LED Bead	5730-132pcs	5730-196pcs	5730-400pcs
Luminous	180LM/PCS	180LM/PCS	180LM/PCS
Texture	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Waterproof Class	IP65	IP65	IP65
Charging Time	4-5 Hours	4-5 Hours	4-5 Hours
Lighting Time	Continuous lighting 16 Hours	Continuous lighting 16 Hours	Continuous lighting 16 Hours
Lighting Area	200 sq.m.	200 sq.m.	200 sq.m.
Light Size	500*210*75mm	500*210*75mm	500*210*75mm
Solar Panel	Poly (6V/18W)	Poly (6V/30W)	Poly (6V/35W)
Solar Panel Size	350*350*17mm	350*520*17mm	350*580*17mm

Oushang Solar Street Light





Model	OSLD-FG-100	OSLD-FG-200	OSLD-FG-300
Light Power	100W	200W	300W
Battery	3.2V/20,000mA	3.2V/20,000mA	3.2V/30,000mA
LED Bead	5730-300pcs	5730-360pcs	5730-432pcs
Luminous	180LM/PCS	180LM/PCS	180LM/PCS
Texture	Die-casting Aluminium	Die-casting Aluminium	Die-casting Aluminium
Waterproof Class	IP65	IP65	IP65
Charging Time	4-5 Hours	4-5 Hours	4-5 Hours
Lighting Time	Continuous lighting 16 Hours	Continuous lighting 16 Hours	Continuous lighting 16 Hours
Lighting Area	260 sq.m.	260 sq.m.	260 sq.m.
Light Size	500*210*75mm	500*210*75mm	500*210*75mm
Solar Panel	Poly (6V/30W)	Poly (6V/30W)	Poly (6V/35W)
Solar Panel Size	350*520*17mm	350*520*17mm	350*580*17mm



Oushang Solar Monitor System

Product Features

- SC Series with radar sensor system
- Automatically identify moving objects around
- Increase brightness when people approach
- Decrease brightness when people leave
- Intelligent remote with multi-mode
- Solar powered, No need for electricity
- No need for cables
- Easy installation
- Remote control, more smart working modes



Model	Specifications	Items	Specifications	Parameters	Life Time	Packing
OS-MS-01	12V/12W/30AH	Solar Panel	60W	Mono silicon solar panels, Transition efficiency≧20%	≧25 Years	74.5*30.5*66cm(L*W*H), 1PCS/CTN, N.W.:12.0kg; G.W.:13.0kg
		Lithium Rechargeable Battery	30AH	Lithium Rechargeable battery, no memory, small volume, waterproof, integrated design	≧5 Years	
		Light Source	12W/1800LM W/W	High Quality LED beads, life time 50,000 hours	≧50KH	
		Monitor Collect Ways	--	WIFI/Network Cable	-	
OS-MS-02	12V/12W/30AH	Solar Panel	60W	Mono silicon solar panels, Transition efficiency≧20%	≧25 Years	74.5*30.5*66cm(L*W*H), 1PCS/CTN, N.W.:12.0kg; G.W.:13.0kg
		Lithium Rechargeable Battery	30AH	Lithium Rechargeable battery, no memory, small volume, waterproof, integrated design	≧5 Years	
		Light Source	12W/1800LM W/W	High Quality LED beads, life time over 50,000 hours	≧50KH	
		Monitor Collect Ways	--	WIFI/Network Cable/4G	-	

Oushang PMW Solar Controller

Model: OS-SC-1(10A/20A/30A)

Product Size: 133*70*35mm
Unit Weight: 160g
Packing quantity/weight: 100pcs/17kg



Function:

1. Adopt PWM charging main circuit, LCD display
2. Dual USB phone charging function, floating charge, overdischarge, return voltage adjustable, multiple battery options, power indicator; Light control + delay function; protection against backflow, overcharge, overdischarge, thunder prevention, overheat, output short circuit and so on, with memory function.

Model: OS-SC-2(10A/20A/30A)

Product Size: 133*70*35mm
Unit Weight: 134g
Packing quantity/weight: 100pcs/14kg



Function:

1. Using industrial - grade main control chip, charge-discharge parameters can be adjusted
2. Complete 3-stage PWM charging management
3. Built-in overcurrent/short circuit protection, open circuit protection, reverse connection protection, are self-recovery type, not damage the controller.
4. Double MOS anti-backflow circuit, ultra-low heat.
5. Switch between rechargeable lithium battery and lead-acid battery (long press 3 seconds to enter the switch setting in the battery type interface), and the default is lithium battery.

Model: OS-SC-3(20A/30A/40A/50A/60A)

System Voltage: 12V/24V/48V
Product Size: 187*90*47mm
Unit Weight: 400g
Packing quantity/weight: 50pcs/21kg



Function:

1. Microcomputer program control is adopted to realize intelligent optimization of SOC control.
2. Intelligent PWM charging mode, higher charging efficiency, protection of overcharge, overdischarge, lightning protection, backflow protection, overheat protection, etc
3. LED digital tube display, power indicator and light control indicator,12V/24V battery automatic identification, no manual switch required
4. With power display and light control function, the battery power state is more direct, and the light control timing function is more practical

Projects















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