

Mono

80W-700W Solar Panel

Introduction

MONO module Assembled with PERC cells, the configuration of the modules offers the advantages of higher power output, cells temperature- dependent performance.reduced shadina effect on the enery generation. lower risk of hot spot, as well as enhanced tolerance for mechanical loading.



Higher Durability

The multi-busbar design can decrease the risk of the cell micro- cracks and fingers broken.



PID Resistant

Tested in accordance to the standard IEC 62804, our PV modules have demonstrated resistance a gainst PID (Potential Induced Degradation), which translates to security for your investment.



High Power Density

High conversion efficiency and more power output persquare meter,by lower series resistance and improved light harvesting.

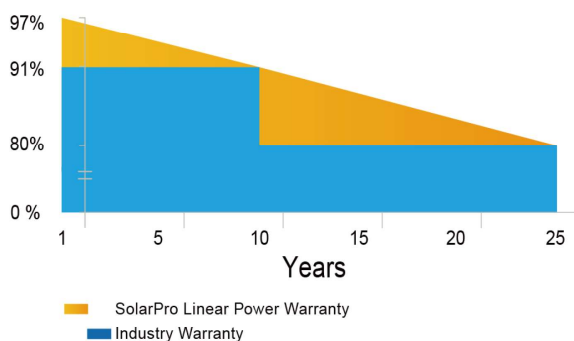


Bigger Cells with better performance

A slight increase of the size of our cells, Boosts the performance of the newest modules by six percent on average.

First-class Quality Assurance

- 5-year warranty for material and technology
- 25-year linear power output warranty

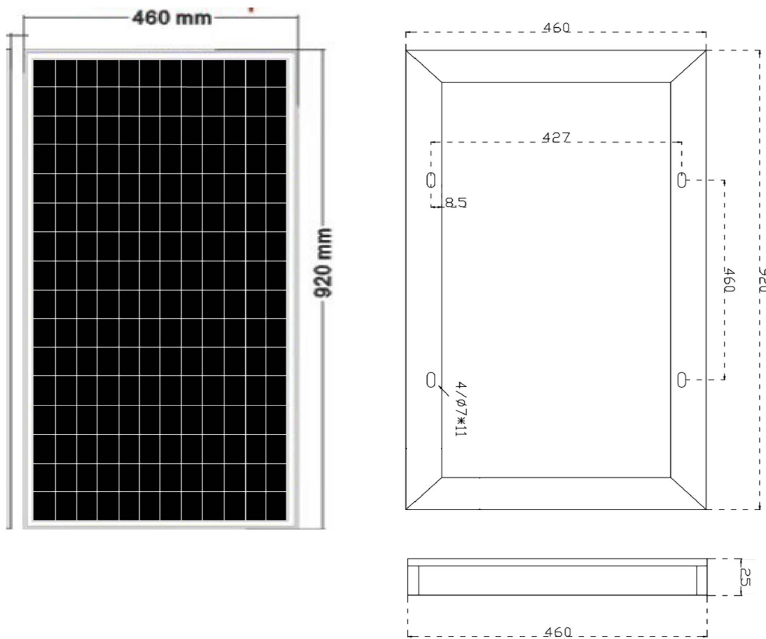


Comprehensive Certificates

- IEC61215, IEC61730
- ISO9001:2015 Quality management systems
- ISO14001:2015 Environmental management systems
- ISO45001:2018 Occupational health and safety management systems



MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	5.1 kg
Dimensions	920mm*460mm*25mm
Cell Dimensions	210*52.5mm
Cell Amount	2*16 pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	2mm ² /500mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-80W
Maximum Power (Pmax/W)	80
Open Circuit Voltage(Voc/V)	20.80
Short Circuit Current(Isc/A)	4.71
Maximum Power Voltage(Vmp/V)	18.00
Maximum Power Current(Imp/A)	4.44
Module Efficiency(%)	17.5

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

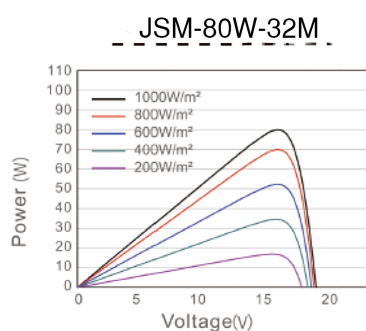
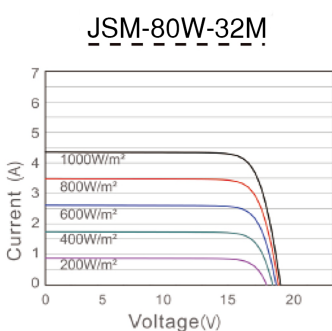
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	30 Pieces	Size(5pcs)	932*470*165mm
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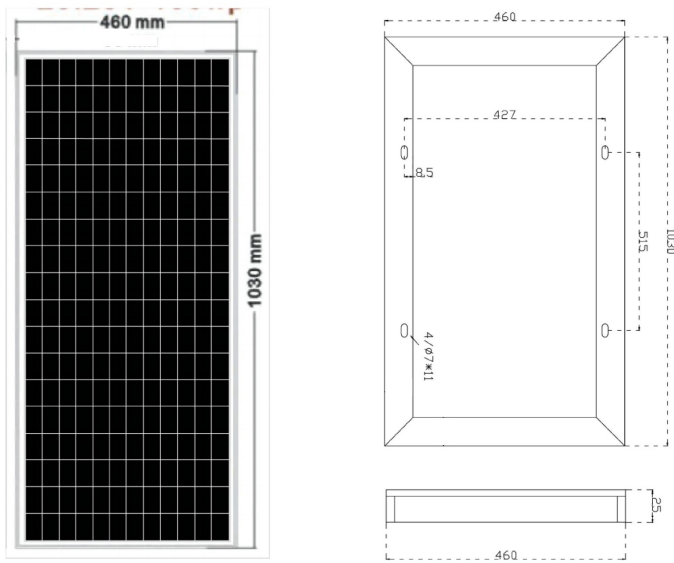
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 5 %
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	5.8 kg
Dimensions	1030mm*460mm*25mm
Cell Dimensions	210*52.5mm
Cell Amount	2*16 pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	2mm ² /500mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-100W
Maximum Power (Pmax/W)	100
Open Circuit Voltage(Voc/V)	23.40
Short Circuit Current(Isc/A)	5.35
Maximum Power Voltage(Vmp/V)	19.80
Maximum Power Current(Imp/A)	5.05
Module Efficiency(%)	18.6

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

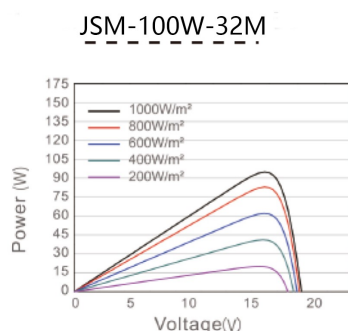
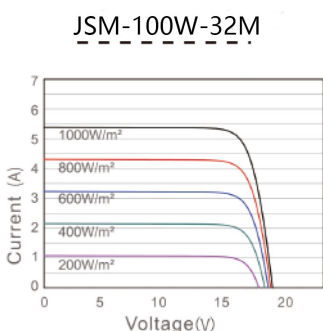
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	30 Pieces	Size(1pcs)	1042*470*165mm
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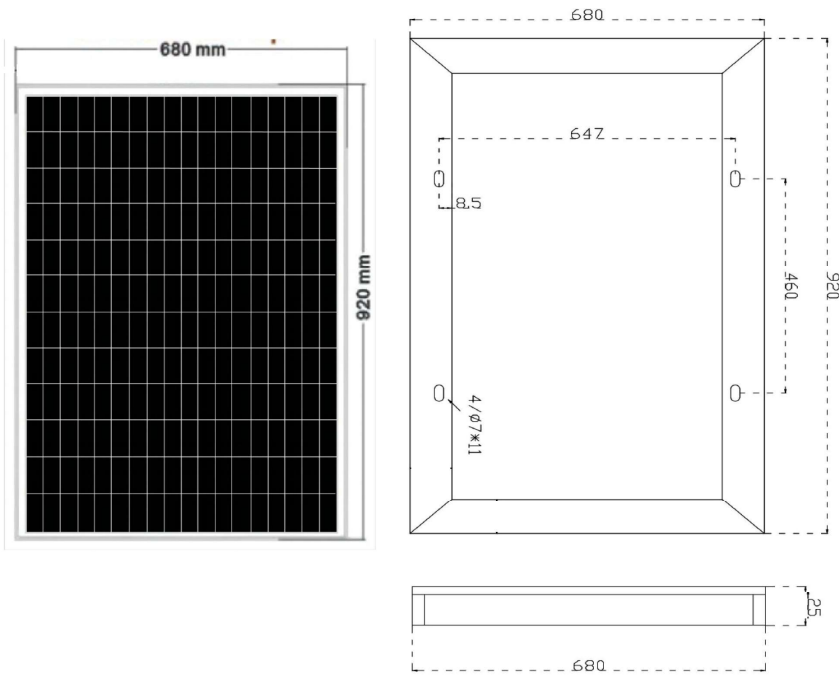
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	7.0 kg
Dimensions	920mm*680mm*25mm
Cell Dimensions	210*70mm
Cell Amount	3*12pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	2mm ² /500mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-120W
Maximum Power (Pmax/W)	120
Open Circuit Voltage(Voc/V)	23.40
Short Circuit Current(Isc/A)	6.42
Maximun Power Voltage(Vmp/V)	19.80
Maximum Power Current(Imp/A)	6.06
Module Efficiency(%)	18.3

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

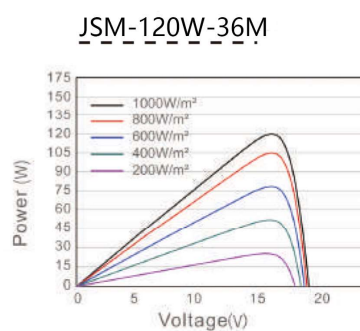
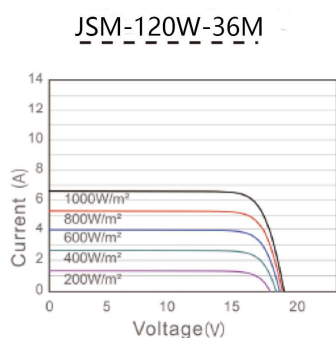
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	30 Pieces	Size(5pcs)	932*690*165mm
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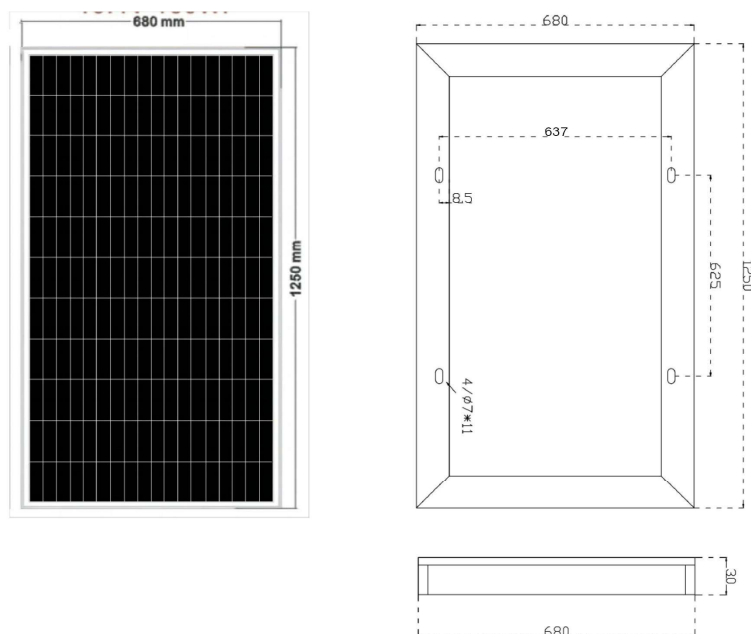
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	9 kg
Dimensions	1250mm*680mm*30mm
Cell Dimensions	210*105mm
Cell Amount	3*11pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	2.5mm ² /700mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-160W
Maximum Power (Pmax/W)	160
Open Circuit Voltage(Voc/V)	20.80
Short Circuit Current(Isc/A)	9.42
Maximun Power Voltage(Vmp/V)	18.00
Maximum Power Current(Imp/A)	8.88
Module Efficiency(%)	19.1

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

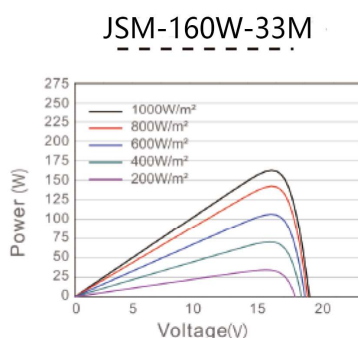
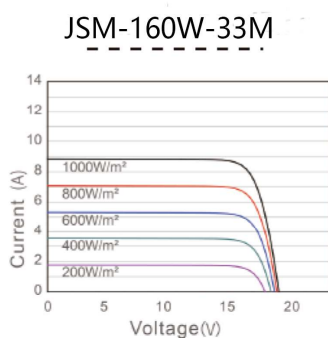
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	3 0 Pieces	Size(1pcs)	1262*690*38mm
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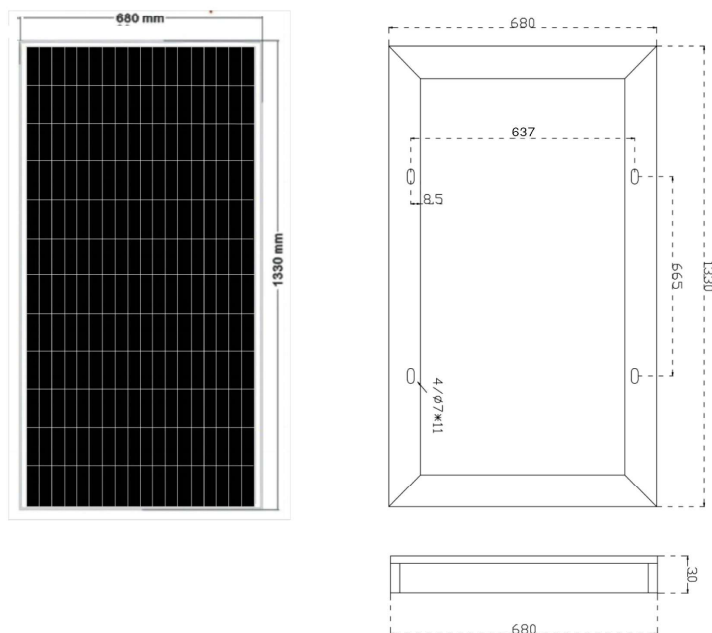
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	10kg
Dimensions	1330mm*680mm*30mm
Cell Dimensions	210*105mm
Cell Amount	3*12pcs
Maximum System Voltage	1000V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² /700mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-180W
Maximum Power (Pmax/W)	180
Open Circuit Voltage(Voc/V)	23.40
Short Circuit Current(Isc/A)	9.63
Maximum Power Voltage(Vmp/V)	19.80
Maximum Power Current(Imp/A)	9.09
Module Efficiency(%)	19.3

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

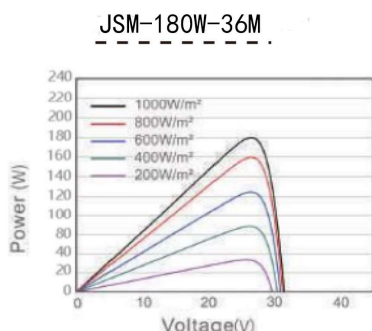
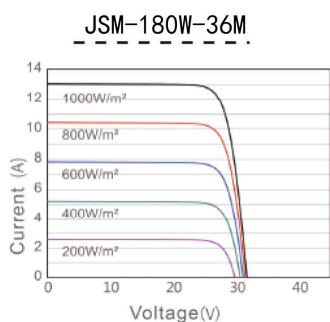
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	30 Pieces	Size(1pcs)	1342*690*38mm
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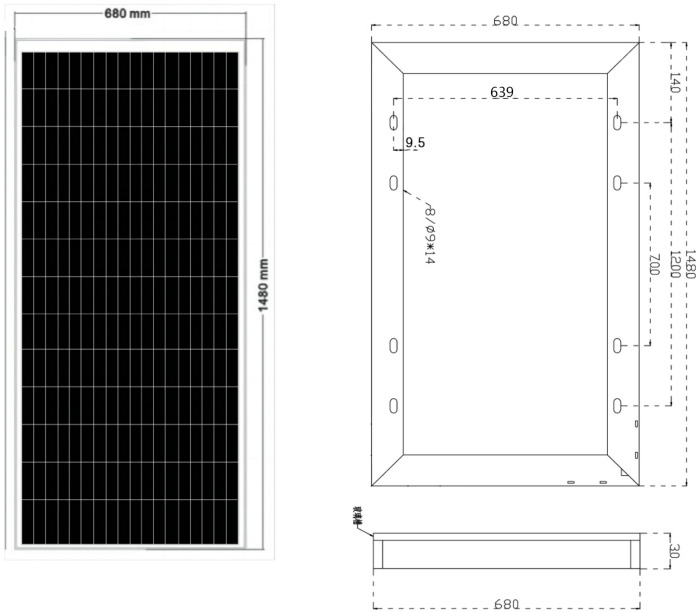
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	11kg
Dimensions	1480mm*680mm*30mm
Cell Dimensions	210*105mm
Cell Amount	3*1 3 pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	4mm ² /700mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-200W
Maximum Power (Pmax/W)	200
Open Circuit Voltage(Voc/V)	24.18
Short Circuit Current(Isc/A)	9.72
Maximun Power Voltage(Vmp/V)	21.80
Maximum Power Current(Imp/A)	9.17
Module Efficiency(%)	19.7

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

TEMPERATURE CHARACTERISTICS

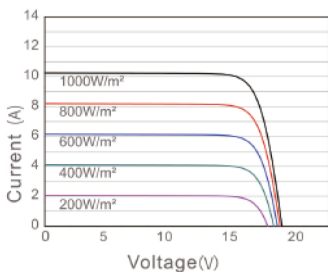
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

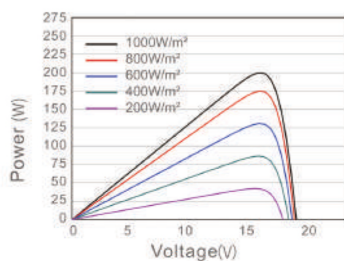
Modules/Pallet	30 Pieces	Size(1pcs)	1492*690*38mm
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CHARACTERISTICS

JSM-200W-39M



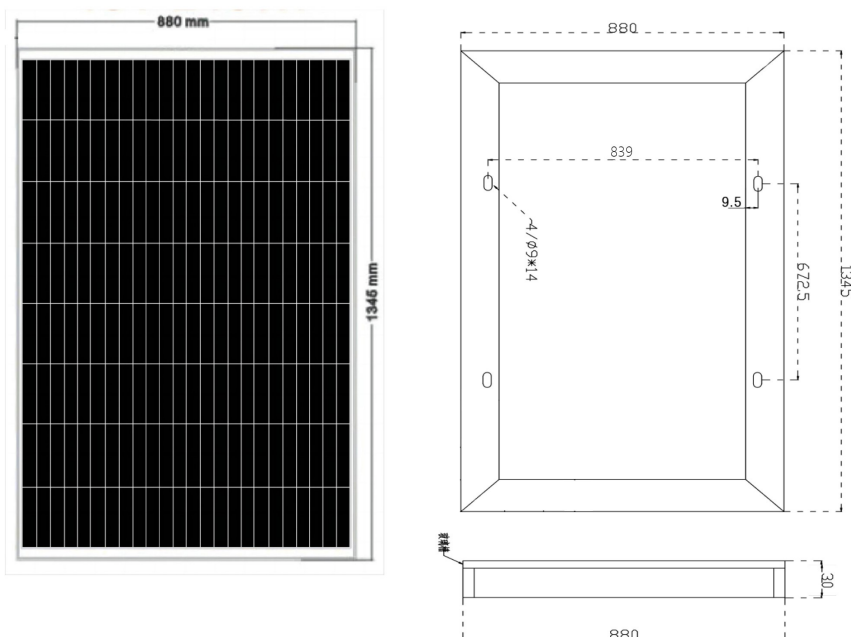
JSM-200W-39M



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	12.5kg
Dimensions	1345mm*880mm*35mm
Cell Dimensions	210*140mm
Cell Amount	4*9pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	4mm ² /700mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-255W
Maximum Power (Pmax/W)	255
Open Circuit Voltage(Voc/V)	20.80
Short Circuit Current(Isc/A)	15.02
Maximun Power Voltage(Vmp/V)	18.00
Maximum Power Current(Imp/A)	14.17
Module Efficiency(%)	20.2

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

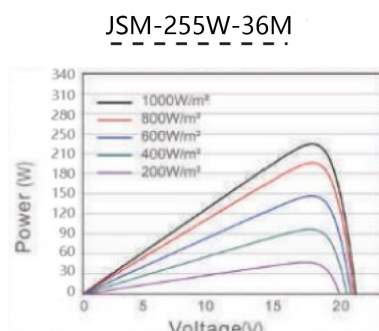
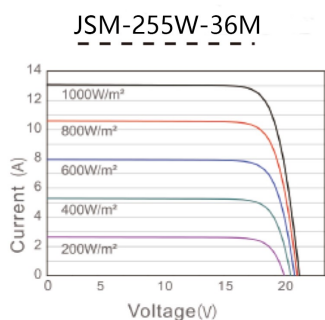
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	30 Pieces	Size(1pcs)	1357*890*38mm
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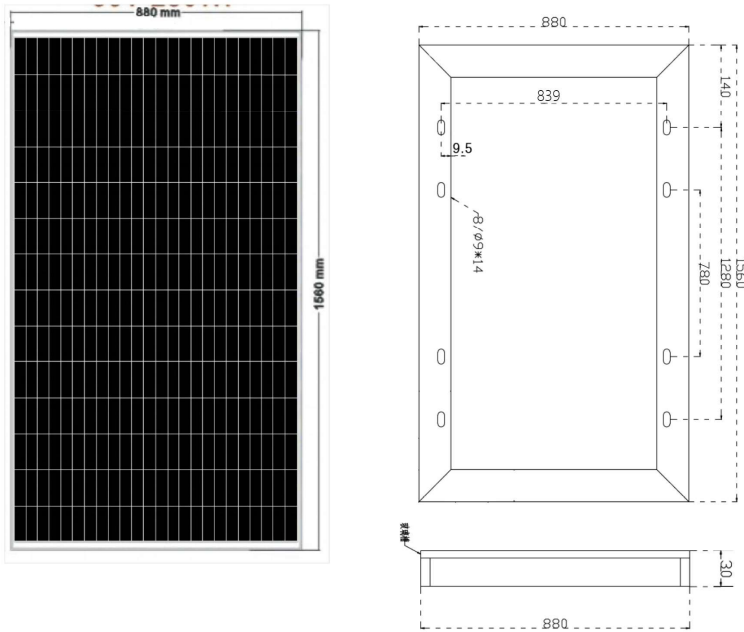
CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	14.5kg
Dimensions	1560mm*880mm*30mm
Cell Dimensions	210*105mm
Cell Amount	4*14pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	4mm ² /900mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-300W
Maximum Power (Pmax/W)	300
Open Circuit Voltage(Voc/V)	35.73
Short Circuit Current(Isc/A)	10.32
Maximum Power Voltage(Vmp/V)	30.80
Maximum Power Current(Imp/A)	9.74
Module Efficiency(%)	20.70

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

TEMPERATURE CHARACTERISTICS

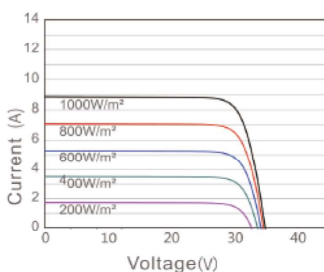
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

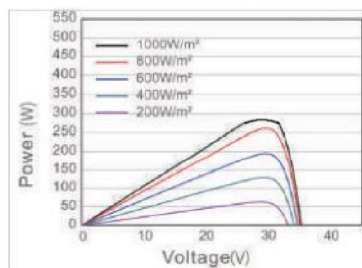
Modules/Pallet	30 Pieces	Size(1pcs)	1572*890*38mm
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CHARACTERISTICS

JSM-300W-56M



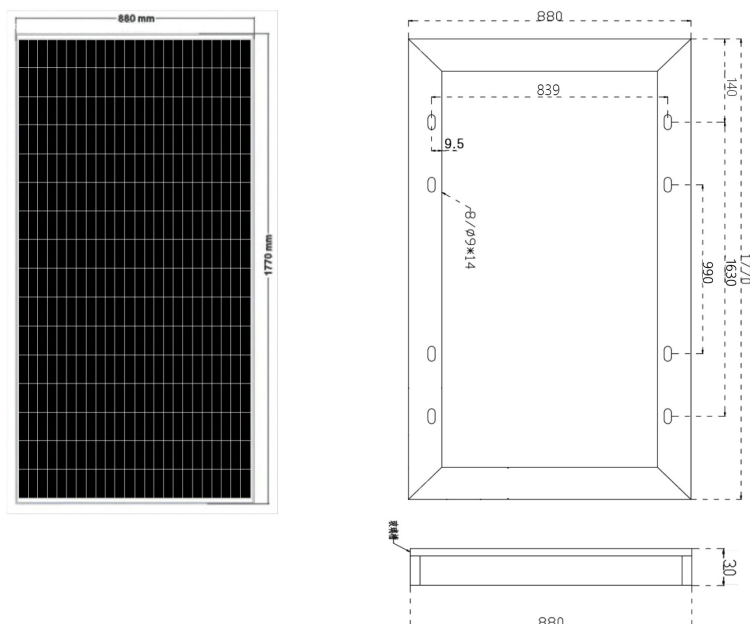
JSM-300W-56M



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	16.5kg
Dimensions	1770mm*880mm*30mm
Cell Dimensions	210*105mm
Cell Amount	4*1 6 pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	4mm ² /900mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-350W
Maximum Power (Pmax/W)	350
Open Circuit Voltage(Voc/V)	41.87
Short Circuit Current(Isc/A)	10.19
Maximum Power Voltage(Vmp/V)	36.10
Maximum Power Current(Imp/A)	9.72
Module Efficiency(%)	20.60

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

TEMPERATURE CHARACTERISTICS

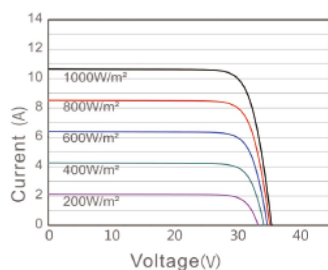
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

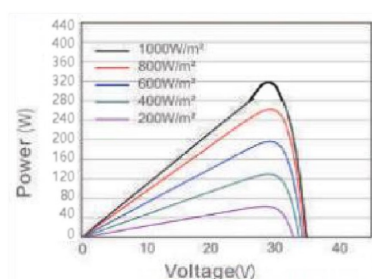
Modules/Pallet	30 Pieces	Size(1pcs)	1782*890*38mm
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CHARACTERISTICS

JSM-350W-64M



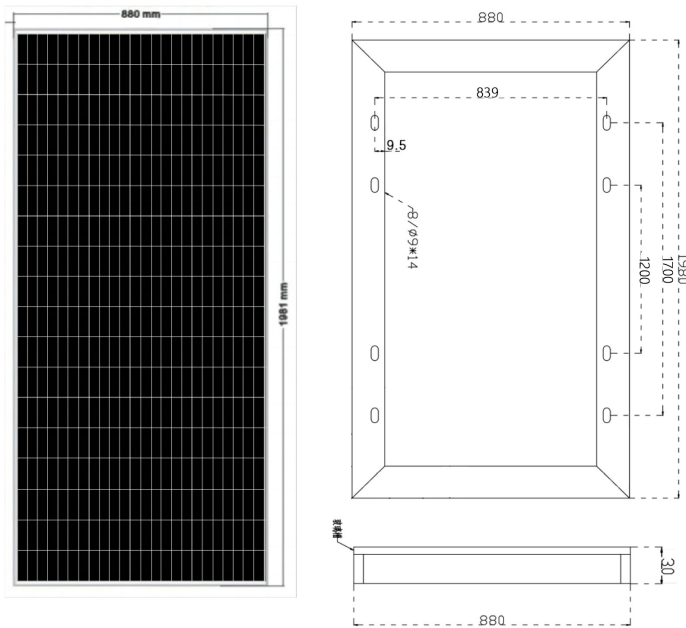
JSM-350W-64M



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	19.5 kg
Dimensions	1980mm*880mm*30mm
Cell Dimensions	210*105mm
Cell Amount	4*18 pcs
Maximum System Voltage	1000V
Junction Box	IP67
Frame	Aluminum Alloy
Cable	4mm ² /900mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-390W
Maximum Power (Pmax/W)	390
Open Circuit Voltage(Voc/V)	47.10
Short Circuit Current(Isc/A)	10.19
Maximum Power Voltage(Vmp/V)	40.60
Maximum Power Current(Imp/A)	9.61
Module Efficiency(%)	20.60

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

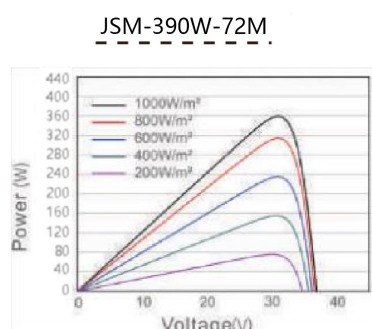
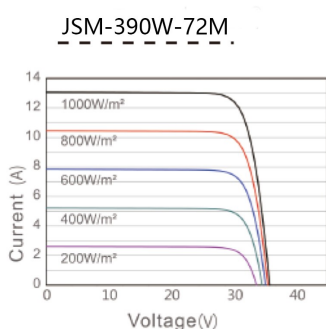
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

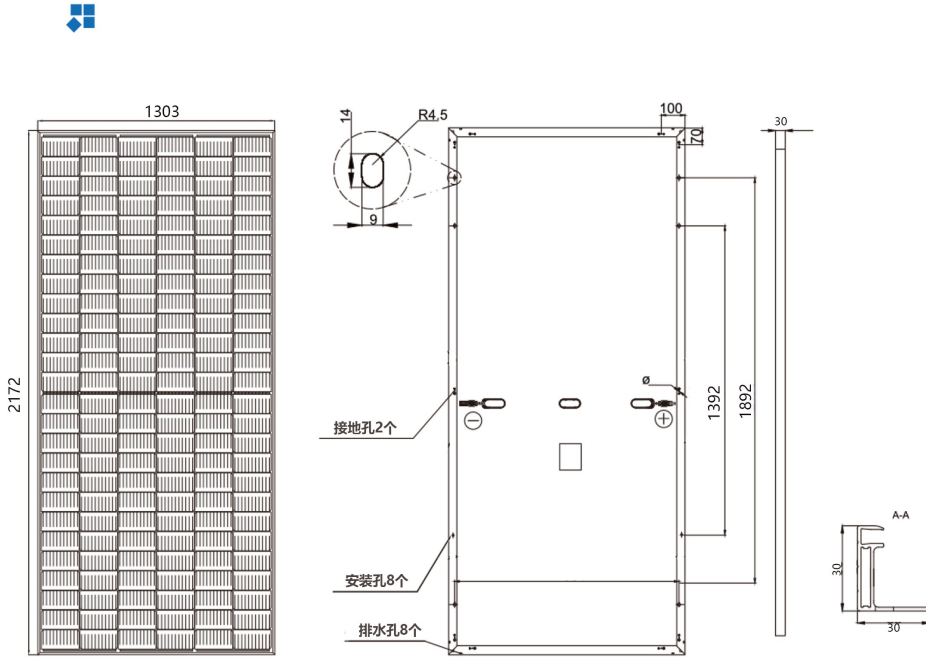
Modules/Pallet	30 Pieces	Size(1pcs)	1992*890*38mm
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CHARACTERISTICS



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa



Weight	30.5 kg
Dimensions	2384mm*1303mm*30mm
Cell Dimensions	210*105 mm
Cell Amount	12*11 pcs
Maximum System Voltage	1500 V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4.0mm ² ,(+)-400mm/(-)200mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-600W	JSM-620W	JSM-630W	JSM-640W	JSM-650W
Maximum Power (Pmax/W)	600	620	630	640	650
Open Circuit Voltage(Voc/V)	53.90	54.30	54.50	54.61	54.80
Short Circuit Current(Isc/A)	14.10	14.28	14.46	14.64	14.82
Maximum Power Voltage(Vmp/V)	45.53	45.73	45.93	46.13	46.33
Maximum Power Current(Imp/A)	13.18	13.55	13.73	13.91	14.09
Module Efficiency(%)	21.50	21.59	21.78	21.98	22.17

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

TEMPERATURE CHARACTERISTICS

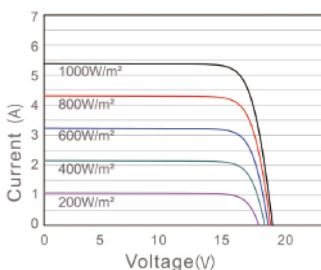
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

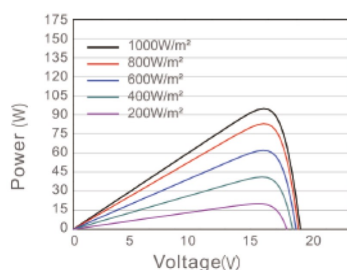
Modules/Pallet	36 Pieces	650
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CHARACTERISTICS

JSM_650W-120M

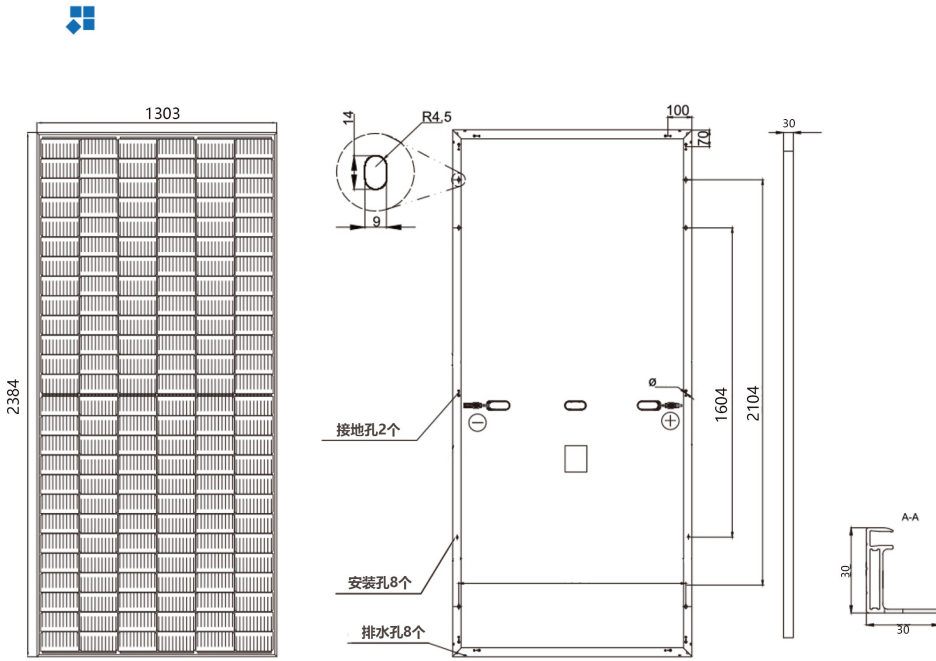


JSM_650W-120M



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa



Weight	30.5 kg
Dimensions	2384mm*1303mm*30mm
Cell Dimensions	210*105 mm
Cell Amount	12*11 pcs
Maximum System Voltage	1500 V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4.0mm ² , (+)400mm/(-)200mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JSM-680W	JSM-690W	JSM-700W	JSM-710W	JSM-720W
Maximum Power (Pmax/W)	680	690	700	710	720
Open Circuit Voltage(Voc/V)	44.00	44.20	44.40	44.60	44.80
Short Circuit Current(Isc/A)	19.55	19.73	19.91	20.09	20.27
Maximum Power Voltage(Vmp/V)	37.22	37.42	37.62	37.82	38.02
Maximum Power Current(Imp/A)	18.25	18.43	18.61	18.79	18.97
Module Efficiency(%)	22.18	22.38	22.58	22.78	22.98

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

TEMPERATURE CHARACTERISTICS

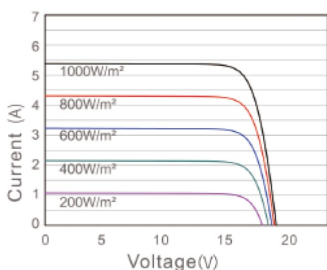
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

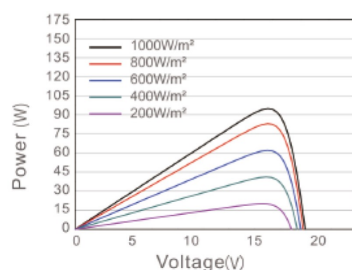
Modules/Pallet	36 Pieces	Size(1pcs)	2400*1313*35mm
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CHARACTERISTICS

JSM-720W-132M



JSM-720W-132M



MAXIMUM RATING

Output Tolerance	± 3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa