



JUST SOLAR PV Modules Catalog

[Version 3.0]

JUST SOLAR GROUP LIMITED

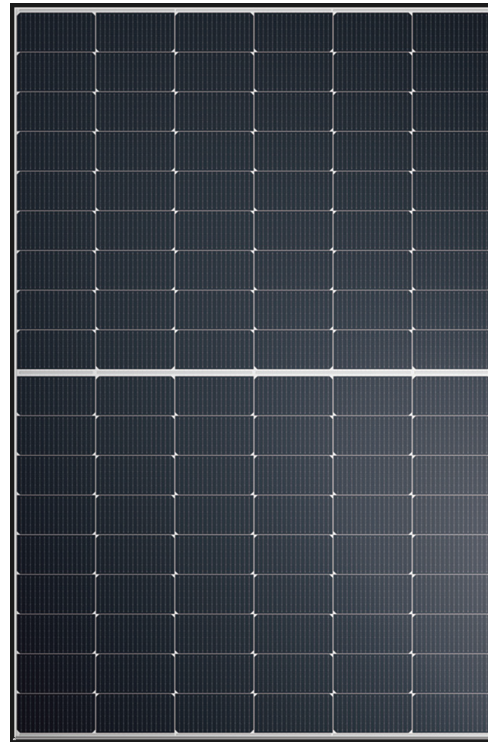


N-Type Solar Panels From 400W-700W

JUST SOLAR GROUP LIMITED

JUSTSOLAR TOPCON MONO BLACK FRAME MODULE

JST-EFMH-(415-435)W-TD



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



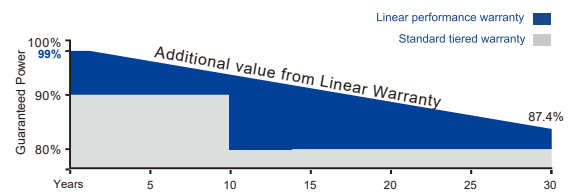
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



30

30-year performance warranty

12

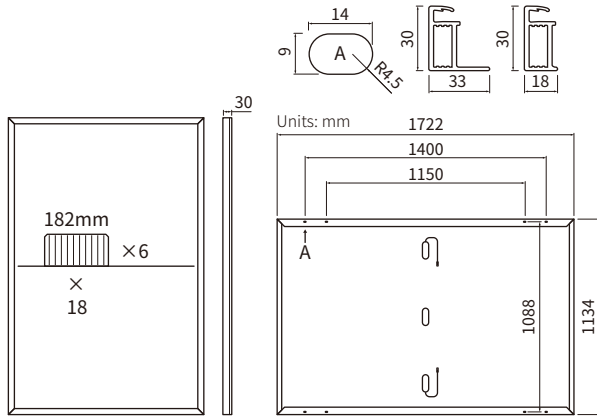
12-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

JST-EFMH-(415-435)W-TD



Mechanical Parameters

Cell type	Mono TOPCon
No. of cells	108 (6*18)
Junction box	IP68, 3 diodes
Cable	4mm ² ; 300mm(+)/400mm(-) or customized
Glass	Single glass, 3.2mm
Frame	Anodized aluminum alloy frame
Weight	21.4kg±3%
Dimensions	1722mm x 1134mm x 30mm
Packaging	36 pcs/pallet, 936 pcs/40HQ container

Electrical Parameters

STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 1m/s

Module type (JST-M10-M-54-MH-***W)	415		420		425		430		435	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated maximum power Pmax (W)	415	312	420	316	425	320	430	324	435	328
Open circuit voltage Voc (V)	38.00	36.04	38.19	36.22	38.38	36.40	38.57	36.58	38.75	36.78
Short circuit current Isc (A)	13.96	11.30	14.04	11.38	14.12	11.44	14.20	11.51	14.27	11.58
Maximum power voltage Vmp (V)	31.37	29.19	31.56	29.35	31.74	29.53	31.93	29.67	32.13	29.84
Maximum power current Imp (A)	13.23	10.69	13.31	10.77	13.39	10.84	13.47	10.92	13.54	10.99
Module efficiency (%)	21.3		21.5		21.8		22.0		22.3	

Temperature Coefficients

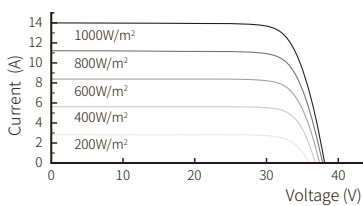
Temperature coefficient α_{Isc}	+0.046%/°C
Temperature coefficient β_{Voc}	-0.250%/°C
Temperature coefficient γ_{Pmax}	-0.300%/°C

Operating Conditions

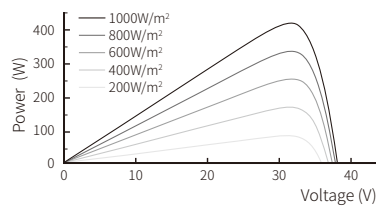
Operating temperature	-40°C~+70°C	Nominal operating cell temperature	45±2°C
Pmax, Voc, Isc tolerance	±3%	Front side Max. static test loading	5400 Pa
Power selection	0~+5W	Rear side Max. static test loading	2400 Pa
Maximum system voltage	1500V DC		
Maximum series fuse rating	25A		

Graphs (420W)

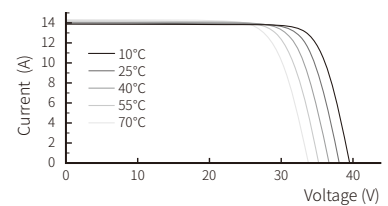
Current - Voltage Curve



Power - Voltage Curve



Current - Voltage Curve

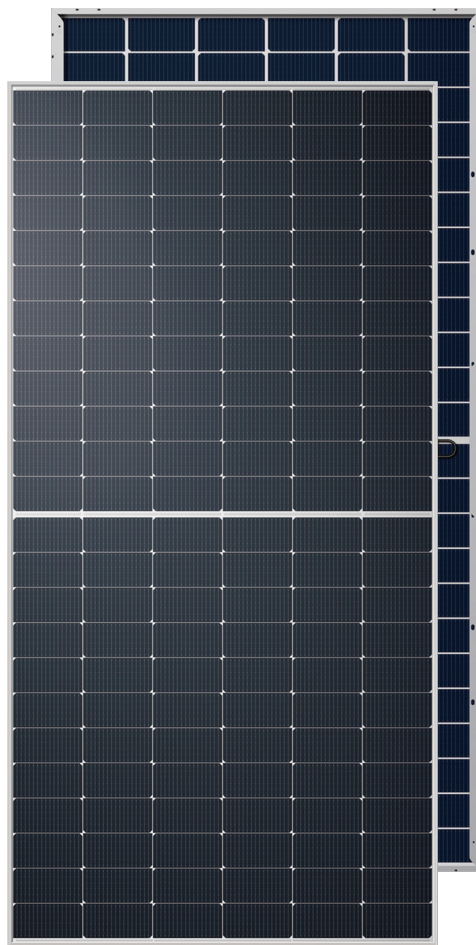


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR TOPCON BIFACIAL MONO MODULE

JST-EBMH-(555-575W)-TD



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



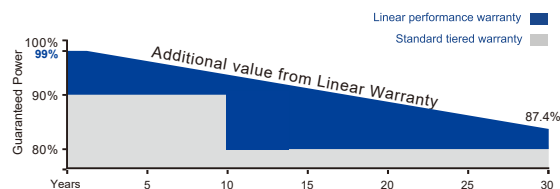
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



30

30-year performance warranty

12

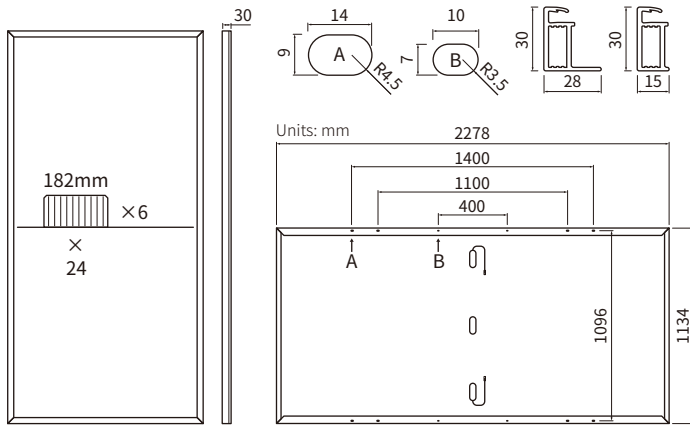
12-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

JST-EBMH-(555-575W)-TD



Mechanical Parameters

Cell type	Mono TOPCon
No. of cells	144 (6*24)
Junction box	IP68, 3 diodes
Cable	4mm ² ; 300mm(+)/400mm(-) or customized
Glass	Dual glass, 2.0mm/2.0mm
Frame	Anodized aluminum alloy frame
Weight	31.4kg±3%
Dimensions	2278mm x 1134mm x 30mm
Packaging	36 pcs/pallet, 720 pcs/40HQ container

Electrical Parameters

STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 1m/s

Module type (JST-M10-M-72-MH-***W)	555		560		565		570		575	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated maximum power P _{max} (W)	555	417	560	421	565	425	570	429	575	434
Open circuit voltage Voc (V)	50.48	47.93	50.68	48.14	50.88	48.33	51.08	48.52	51.28	48.71
Short circuit current I _{sc} (A)	14.08	11.37	14.14	11.42	14.20	11.45	14.26	11.50	14.32	11.55
Maximum power voltage V _{mp} (V)	41.73	39.27	41.92	39.38	42.11	39.54	42.26	39.65	42.45	39.77
Maximum power current I _{mp} (A)	13.30	10.62	13.36	10.69	13.42	10.75	13.49	10.82	13.55	10.91
Module efficiency (%)	21.3		21.5		21.7		21.9		22.1	
Bifacial gain 10%	555		560		565		570		575	
Rated maximum power P _{max} (W)	611		616		622		627		634	
Open circuit voltage Voc (V)	50.48		50.68		50.88		51.08		51.28	
Short circuit current I _{sc} (A)	15.49		15.55		15.62		15.69		15.75	
Maximum power voltage V _{mp} (V)	41.73		41.92		42.11		42.26		42.45	
Maximum power current I _{mp} (A)	14.63		14.70		14.76		14.84		14.91	

Temperature Coefficient

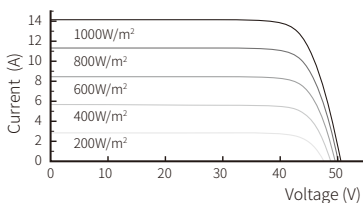
Temperature coefficient α _{Isc}	+0.046%/°C
Temperature coefficient β _{Voc}	-0.250%/°C
Temperature coefficient γ _{Pmax}	-0.300%/°C

Operating Conditions

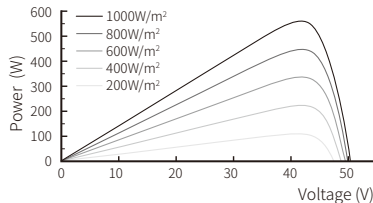
Operating temperature	-40°C~+70°C	Nominal operating cell temperature	45±2°C
P _{max} , Voc, I _{sc} tolerance	±3%	Front side Max. static test loading	5400 Pa
Power selection	0~+5W	Rear side Max. static test loading	2400 Pa
Maximum system voltage	1500V DC	Bifaciality	80±5%
Maximum series fuse rating	30A	Safety Class	Class II

Graphs (560W)

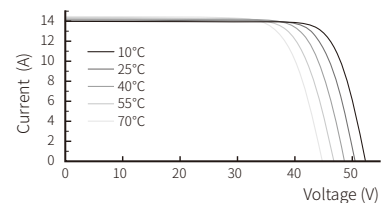
Current - Voltage Curve



Power - Voltage Curve



Current - Voltage Curve

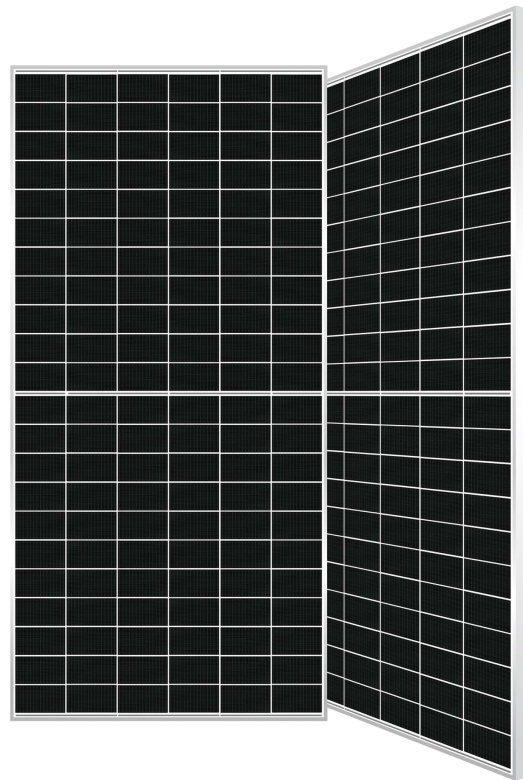


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR HJT BIFACIAL MONO MODULE

JST-FBMH-(680-700W)-HD



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



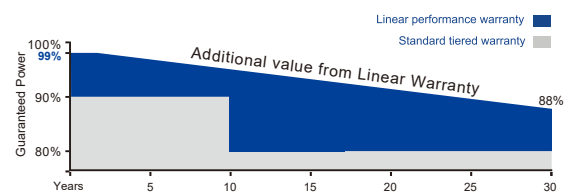
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



30

30-year performance warranty

15

15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703

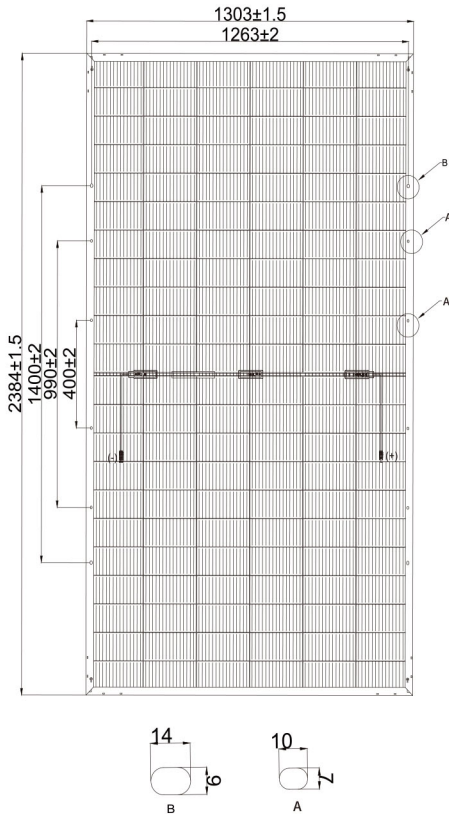


JUST Solar

JST-FBMH-(680-700W)-HD

Engineering Drawings

Unit: mm



Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficiency of Pmax	-0.26%/°C
Temperature Coefficiency of Voc	-0.24%/°C
Temperature Coefficiency of Isc	0.04%/°C

Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.375%, and the power is no less than 88% until the 30th year.

Shipping Configurations

	HC
Container Size	40'
Pallets Per Container	18
Modules Per Pallet (pcs)	31
Modules Per Container (pcs)	558

Electrical Characteristics (STC*)

JST-G12-M-66-MH-***W	680	685	690	695	700
Maximum Power (Pmax)	680W	685W	690W	695W	700W
Module Efficiency (%)	21.89%	22.05%	22.21%	22.37%	22.53%
Optimum Operating Voltage (Vmp)	41.49V	41.65V	41.80V	41.95V	42.10V
Optimum Operating Current (Imp)	16.39A	16.45A	16.51A	16.57A	16.63A
Open Circuit Voltage (Voc)	49.50V	49.66V	49.82V	49.98V	50.13V
Short Circuit Current (Isc)	17.19A	17.25A	17.31A	17.37A	17.43A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	30A				
Power Tolerance	0~+5W				
Bifaciality	80% ± 5%				

*STC: Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

BSTC**

	750W	755W	760W	765W	770W
Maximum Power (Pmax)	750W	755W	760W	765W	770W
Optimum Operating Voltage (Vmp)	41.49V	41.65V	41.80V	41.95V	42.10V
Optimum Operating Current (Imp)	18.08A	18.13A	18.19A	18.24A	18.29A
Open Circuit Voltage (Voc)	49.50V	49.66V	49.82V	49.98V	50.13V
Short Circuit Current (Isc)	18.96A	19.01A	19.07A	19.12A	19.17A

**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25 °C.

Mechanical Characteristics

Cell Type	HJT Mono 210 × 105mm
Cell Connection	132 (6 × 22)
Module Dimension	2384 × 1303 × 35 mm
Weight	38.7 kg
Junction Box	IP68
Output Cable	4mm ² , 1400mm in length, length can be customized / UV resistant
Connectors Type	MC4 compatible
Frame	Anodised aluminum alloy
Encapsulant	EPE
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 2.0mm anti-reflective surface solar glass (B) 2.0mm solar glass

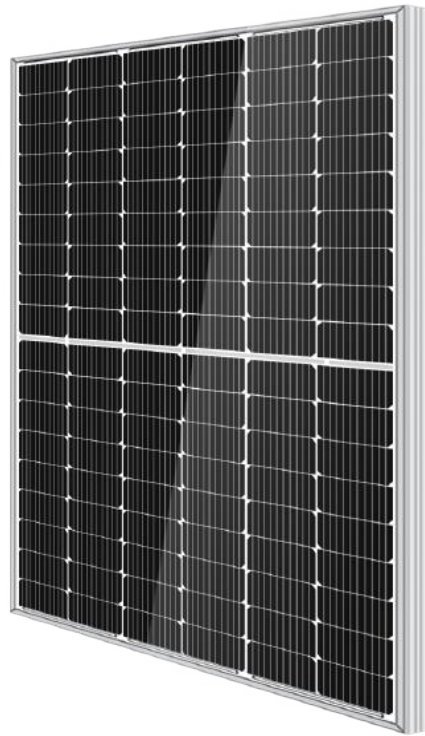
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

**Perc Solar Panels From
400W-680W**

JUST SOLAR GROUP LIMITED

JUSTSOLAR MONO MODULE

JST-M10-M-54-MH-
(390-410)W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



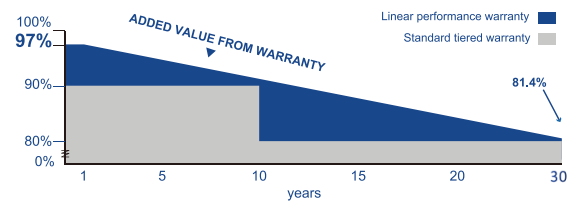
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



30-year performance warranty

15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-M10-M-54-MH-***W)	390	395	400	405	410
Peak Power (Pmax)	390W	395W	400W	405W	410W
Module Efficiency	19.95%	20.20%	20.46%	20.72%	20.97%
Maximum Power Voltage (Vmp)	30.42V	30.62V	30.92V	31.12V	31.32V
Maximum Power Current (Imp)	12.82A	12.88A	12.94A	13.00A	13.06A
Open Circuit Voltage (Voc)	36.54V	36.74V	36.94V	37.14V	37.34V
Short Circuit Current (Isc)	13.50A	13.55A	13.60A	13.65A	13.70A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1500V		
Operating Cell Temperature Maximum			41±3°C		
Series Fuse Rating			25A		

MECHANICAL DATA

Cell Type	182mm, Mono
Number of Cells	108(9×6×2)
Weight	21.5kg
Dimension	1722×1134×30mm
Max Load	m 5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

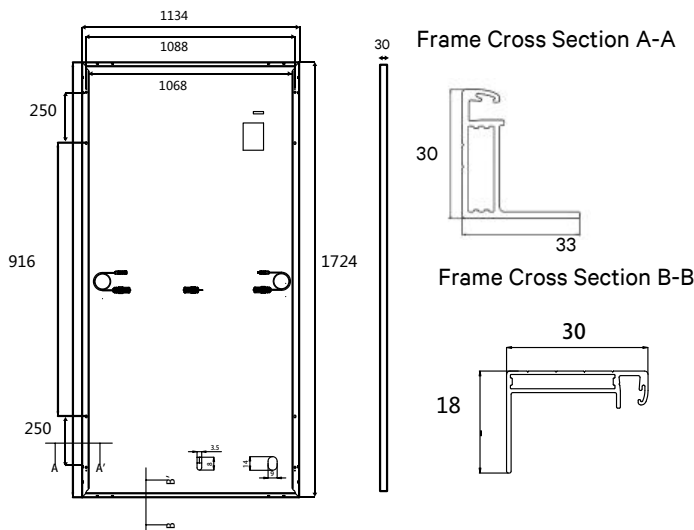
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	+0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

PACKING MANNER

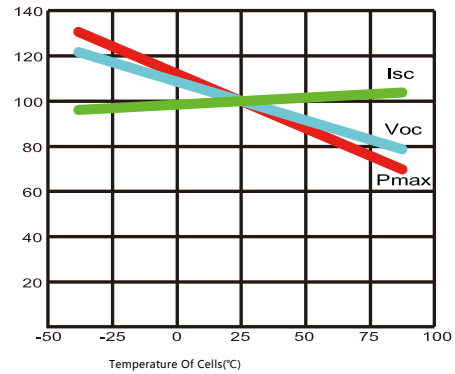
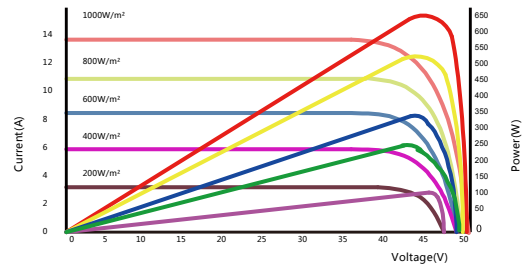
Container	40' HQ
Pieces per Pallet	36
Pieces per Container	936

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

JST-M10-M-54-MH-390W

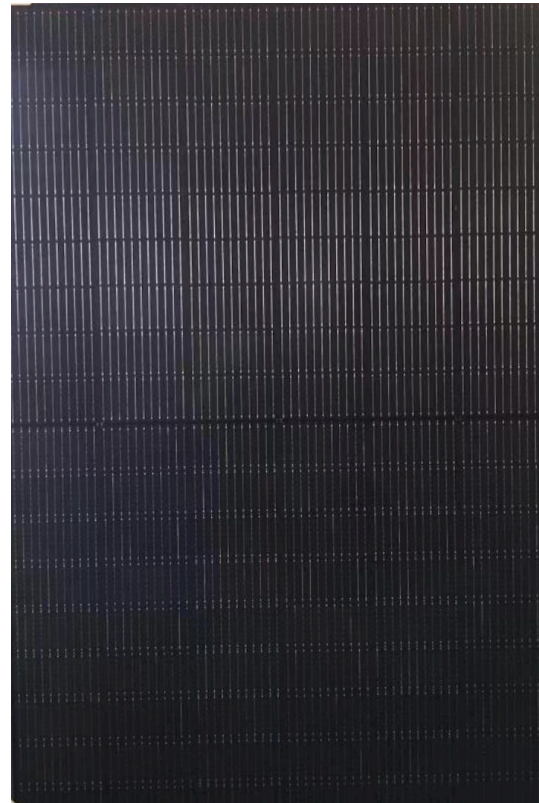


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR MONO MODULE

JST-M10-M-54-MH-
(390-410)W



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



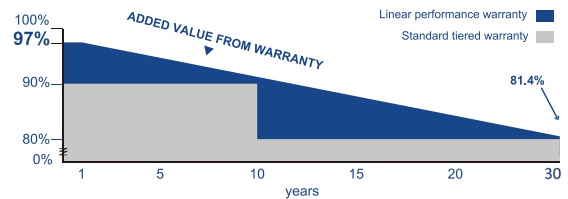
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



30

30-year performance warranty

15

15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-M10-M-54-MH-***W)	390	395	400	405	410
Peak Power (Pmax)	390W	395W	400W	405W	410W
Module Efficiency	19.95%	20.20%	20.46%	20.72%	20.97%
Maximum Power Voltage (Vmp)	30.42V	30.62V	30.92V	31.12V	31.32V
Maximum Power Current (Imp)	12.82A	12.88A	12.94A	13.00A	13.06A
Open Circuit Voltage (Voc)	36.54V	36.74V	36.94V	37.14V	37.34V
Short Circuit Current (Isc)	13.50A	13.55A	13.60A	13.65A	13.70A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1500V		
Operating Cell Temperature Maximum			41±3°C		
Series Fuse Rating			25A		

MECHANICAL DATA

Cell Type	182mm, Mono
Number of Cells	108(9×6×2)
Weight	21.5kg
Dimension	1724×1134×30mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

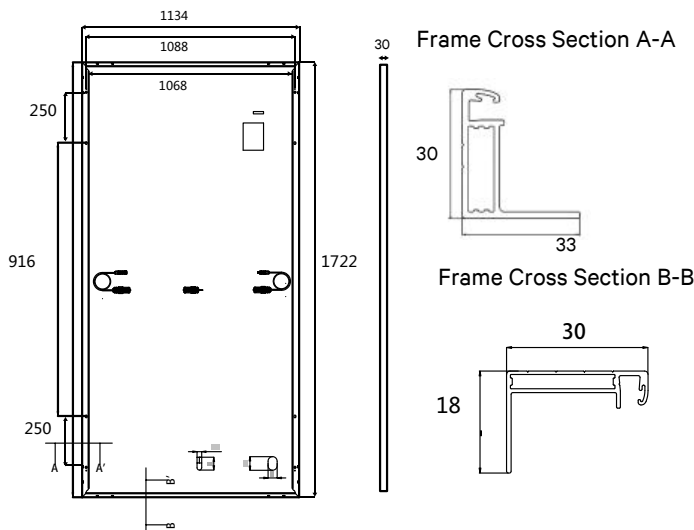
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	+0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

PACKING MANNER

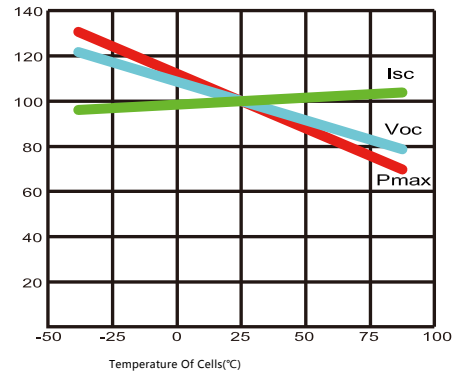
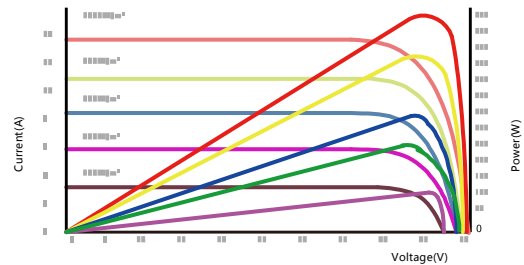
Container	40' HQ
Pieces per Pallet	36
Pieces per Container	936

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

JST-M10-M-54-MH-390W

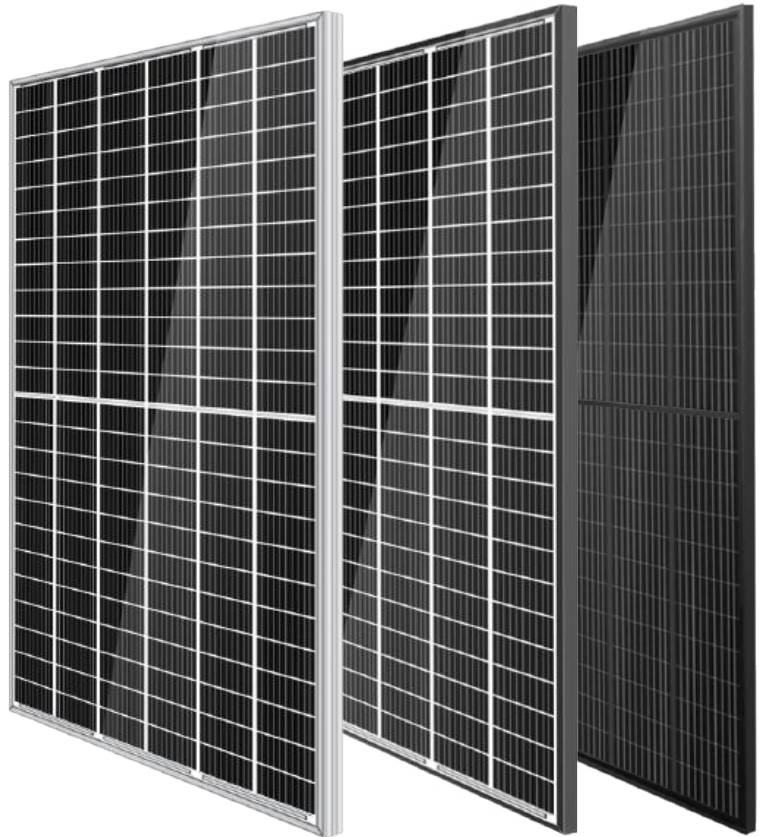


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR Halfcut 166mm MONO MODULE

JST-M6-M-72-MH-
(445-460)W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



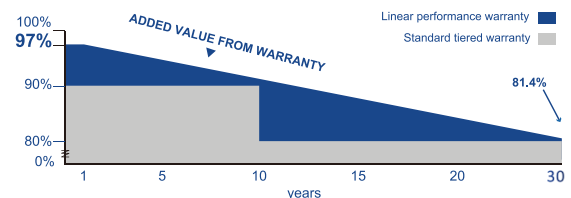
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



30 30-year performance warranty

15 15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-M6-M-72-MH-***W)	445	450	455	460
Peak Power (Pmax)	445W	450W	455W	460W
Module Efficiency	20.1%	20.4%	20.6%	20.8%
Maximum Power Voltage (Vmp)	41.20V	41.40V	41.60V	41.80V
Maximum Power Current (Imp)	10.81A	10.88A	10.94A	11.00A
Open Circuit Voltage (Voc)	49.80V	50.00V	50.20V	50.40V
Short Circuit Current (Isc)	11.40A	11.47A	11.54A	11.61A
Power Tolerance		0 to +5W		
Maximum System Voltage		1000/1500V		
Nominal Operating Cell Temperature		44.4±2°C		
Maximum Series Fuse Rating		15A		

MECHANICAL DATA

Cell Type	166×83mm, Mono
Number of Cells	144(12×6×2)
Weight	24kg
Dimension	2108×1048×35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

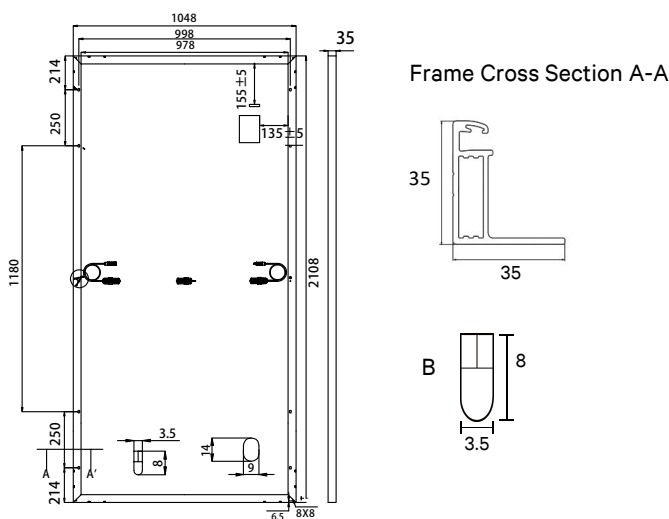
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

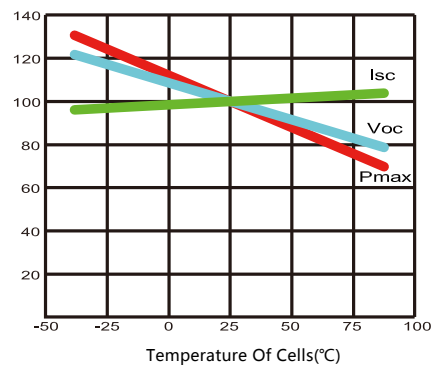
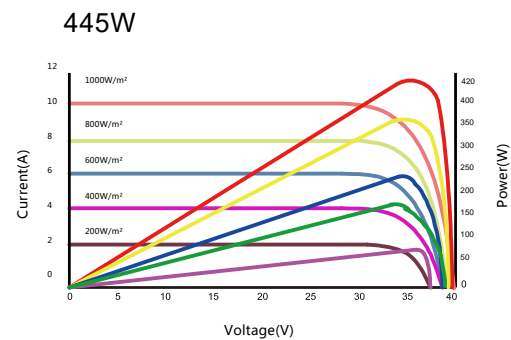
PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	(31+31+4)*11=726

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR

Halfcut 210mm

MONO MODULE

JST-G12-M-55-MH-
(540-560)W



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



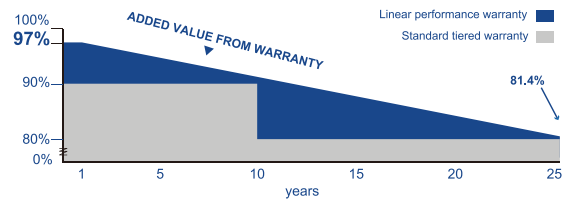
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



25

25-year performance warranty

10

10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-G12-M-55-MH-***W)	540	545	550	555	560
Peak Power (Pmax)	540W	545W	550W	555W	560W
Module Efficiency	20.7%	20.9%	21.0%	21.2%	21.4%
Maximum Power Voltage (Vmp)	31.46V	31.66V	31.86V	32.06V	32.26V
Maximum Power Current (Imp)	17.17A	17.22A	17.27A	17.31A	17.36A
Open Circuit Voltage (Voc)	37.78V	38.02V	38.24V	38.46V	38.68V
Short Circuit Current (Isc)	18.18A	18.23A	18.28A	18.33A	18.38A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1500V		
Operating Cell Temperature Maximum			44.4±2°C		
Series Fuse Rating			30A		

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	110(11×5×2)
Weight	29kg
Dimension	2384×1096×35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

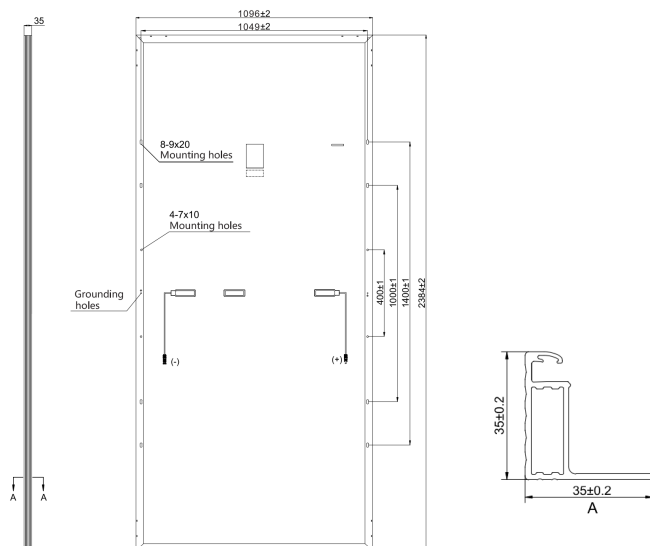
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

PHYSICAL CHARACTERISTICS



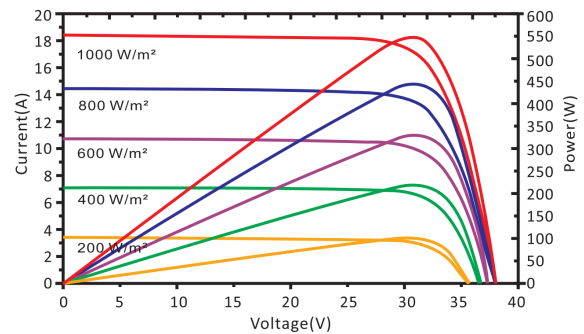
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

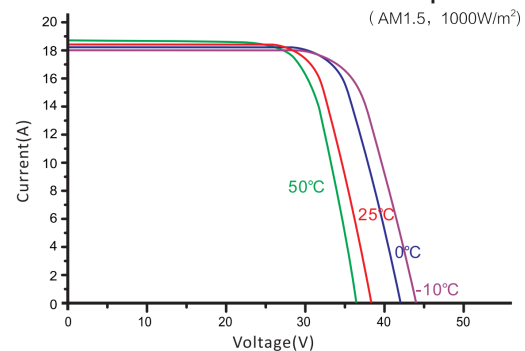
ELECTRICAL CHARACTERISTICS

JST-G12-M-55-MH-540W

I-V characteristics at different irradiances



I-V characteristics at different temperatures

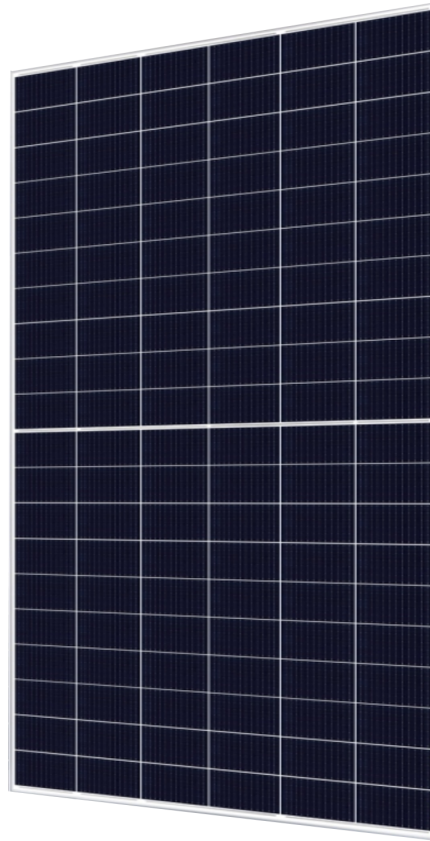


JUSTSOLAR

Halfcut 210mm

MONO MODULE

JST210*210-M-60-MH-
(580-600)W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



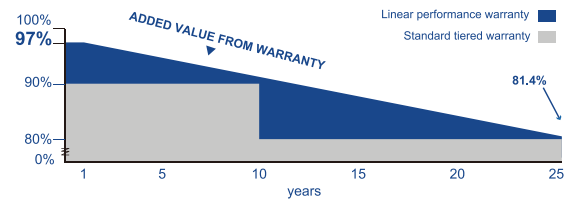
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



25-year performance warranty



10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST210*210-M-60-MH-***W)	580	585	590	595	600
Peak Power (Pmax)	580W	585W	590W	595W	600W
Module Efficiency	20.5%	20.7%	20.8%	21.0%	21.2%
Maximum Power Voltage (Vmp)	34.04V	34.22V	34.42V	34.60V	34.80V
Maximum Power Current (Imp)	17.05A	17.10A	17.15A	17.20A	17.25A
Open Circuit Voltage (Voc)	40.90V	41.10V	41.30V	41.50V	41.70V
Short Circuit Current (Isc)	18.06A	18.11A	18.16A	18.21A	18.26A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1500V		
Operating Cell Temperature Maximum			44.4±2°C		
Series Fuse Rating			35A		

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	120(10×6×2)
Weight	35kg
Dimension	2172×1303×35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

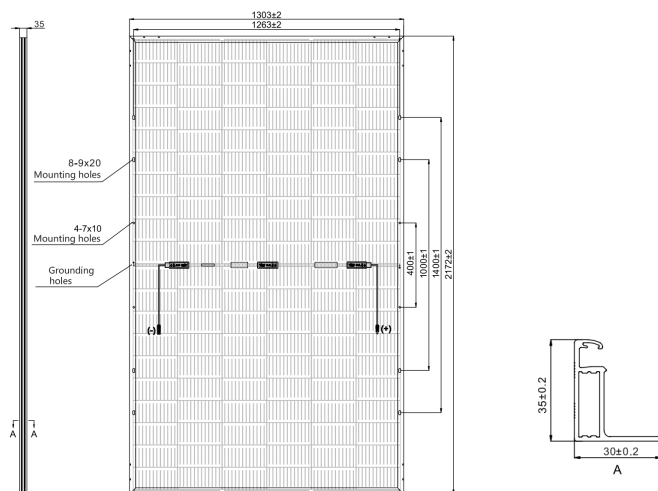
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	527

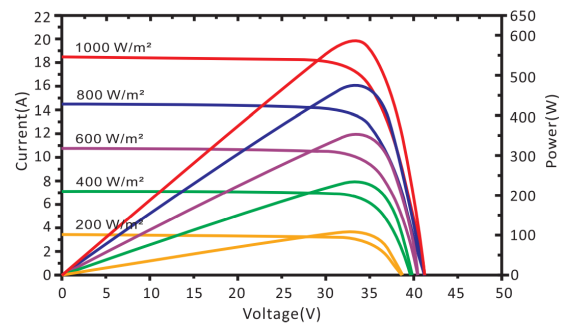
PHYSICAL CHARACTERISTICS



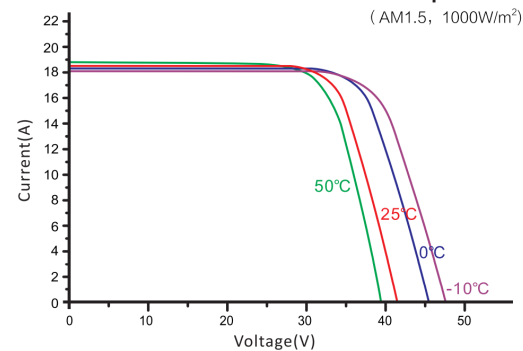
ELECTRICAL CHARACTERISTICS

JST210*210-M-60-MH-590W

I-V characteristics at different irradiances



I-V characteristics at different temperatures



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

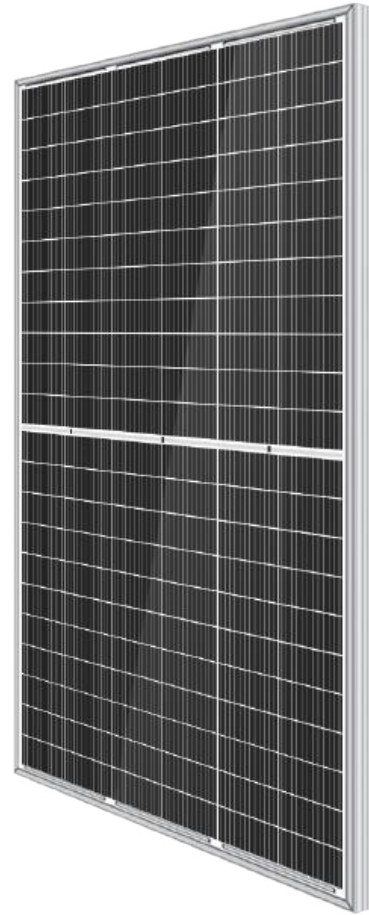
Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR

Halfcut 210mm

MONO MODULE

JST210*210-M-66-
MH-(650-665)W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



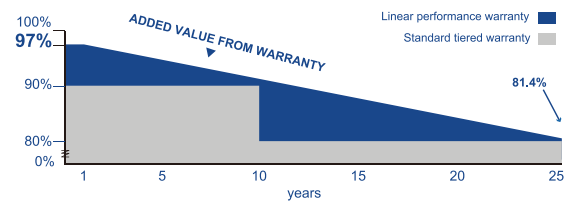
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



25-year performance warranty



10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



ELECTRICAL DATA

Model Type	JST210*210-M-66-MH-***W	650	655	660	665
Peak Power (Pmax)		650W	655W	660W	665W
Module Efficiency		20.92%	21.09%	21.25%	21.41%
Maximum Power Voltage (Vmp)		37.61V	37.81V	38.01V	38.21V
Maximum Power Current (Imp)		17.28A	17.32A	17.36A	17.40A
Open Circuit Voltage (Voc)		45.58V	48.78V	45.98V	46.18V
Short Circuit Current (Isc)		18.16A	18.21	18.26A	18.31A
Power Tolerance			0 to +5W		
Maximum System Voltage			1000/1500V		
Nominal Operating Cell Temperature			41±3°C		
Maximum Series Fuse Rating			30A		

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	132(11×6×2)
Weight	34kg
Dimension	2384*1303*35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

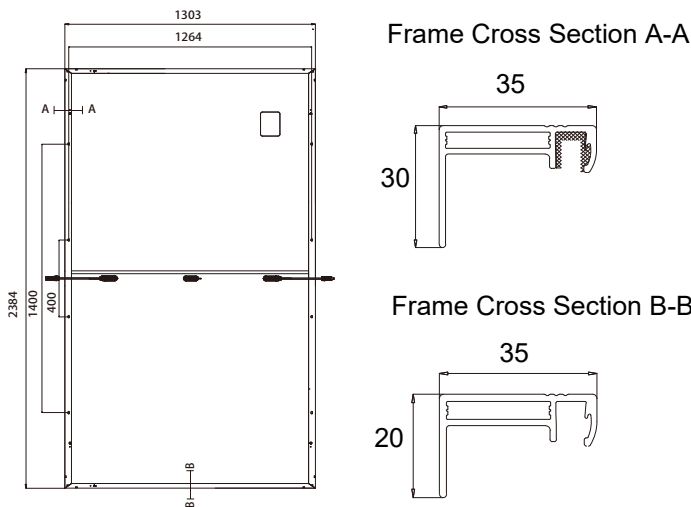
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

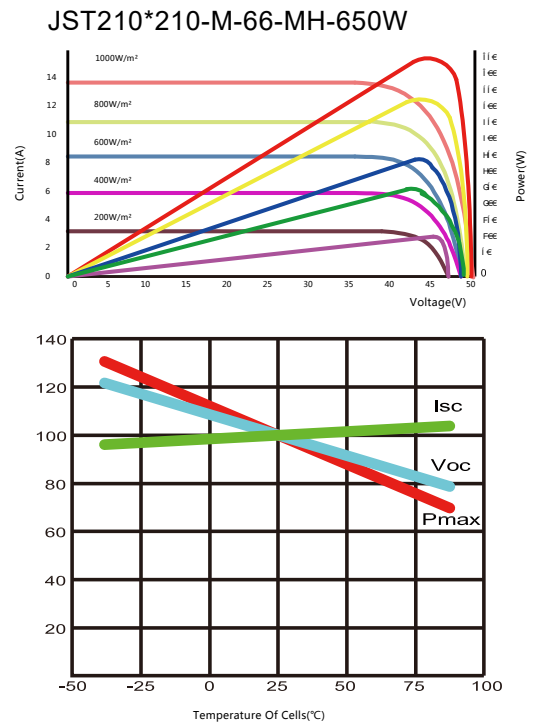
PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	558

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.
Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

JUSTSOLAR BIFACIAL PERC MONO MODULE

JST-G12-M-55-MH-
(540-560)W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



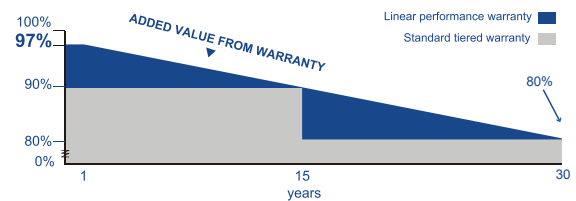
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



30-year performance warranty

15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-G12-M-55-MH-***W)	540	545	550	555	560
Peak Power (Pmax)/W	540	545	550	555	560
Module Efficiency/%	20.7	20.9	21.0	21.2	21.4
Maximum Power Voltage (Vmp)/V	31.56	31.76	31.96	32.16	32.36
Maximum Power Current (Imp)/A	17.12	17.17	17.22	17.26	17.31
Open Circuit Voltage (Voc)/V	37.88	38.10	38.32	38.54	38.76
Short Circuit Current (Isc)/A	18.13	18.18	18.23	18.28	18.33
Power Tolerance			0 to +5W		
Maximum System Voltage			1500V		
Nominal Operating Cell Temperature			44±2°C		
Maximum Series Fuse Rating			35A		

MECHANICAL DATA

Cell Type	Monocrystalline
Number of Cells	110 cells (5x11+5x11)
Weight	33kg
Dimension	2384x1096x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

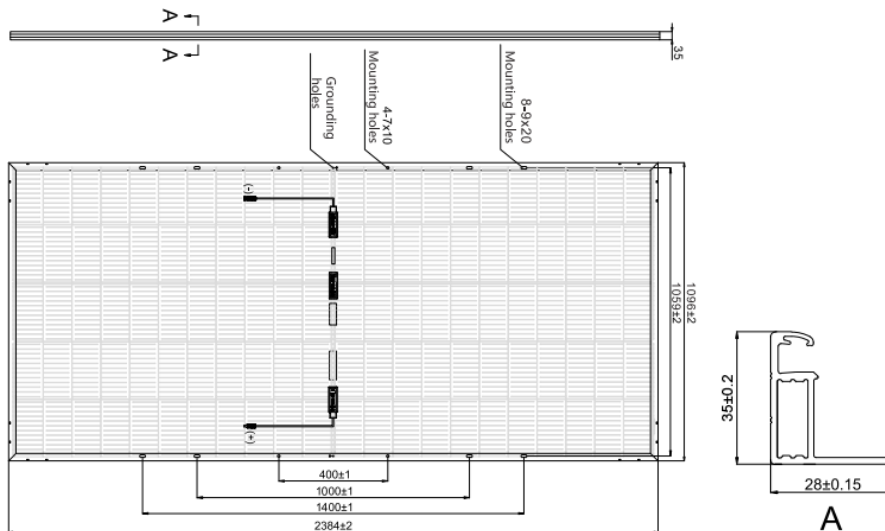
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	35
Pieces per Container	700

PHYSICAL CHARACTERISTICS



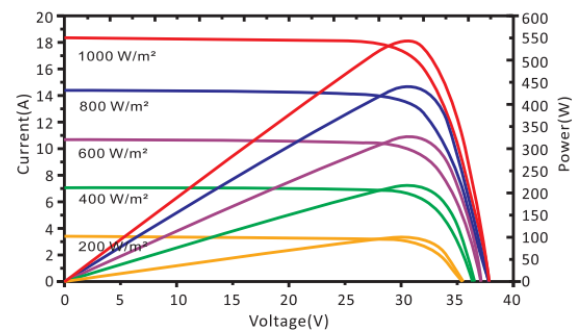
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

ELECTRICAL CHARACTERISTICS

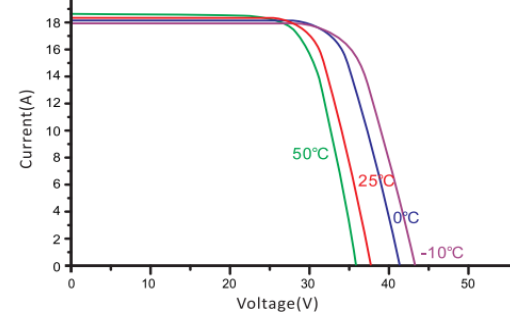
JST-G12-M-55-MH-540W

I-V characteristics at different irradiances



I-V characteristics at different temperatures

(AM1.5, 1000W/m²)



JUSTSOLAR BIFACIAL MONO MODULE

JST-G12-M-60-MH-
(580-600)W



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



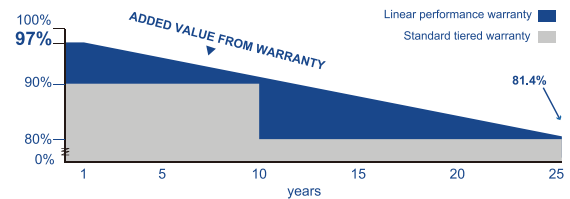
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



48-hour response service



25

25-year performance warranty

10

10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type (JST-G12-M-60-MH-***W)	580	585	590	595	600
Peak Power (Pmax)	580W	585W	590W	595W	600W
Module Efficiency	20.5%	20.7%	20.8%	21.0%	21.2%
Maximum Power Voltage (Vmp)	34.04V	34.22V	34.42V	34.60V	34.80V
Maximum Power Current (Imp)	17.05A	17.10A	17.15A	17.20A	17.25A
Open Circuit Voltage (Voc)	40.90V	41.10V	41.30V	41.50V	41.70V
Short Circuit Current (Isc)	18.06A	18.11A	18.16A	18.21A	18.26A
Power Tolerance			0 to +5W		
Maximum System Voltage			1500V		
Nominal Operating Cell Temperature			44°C±2°C		
Maximum Series Fuse Rating			35A		

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	120 (10×6+10×6)
Weight	35kg
Dimension	2172×1303×35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

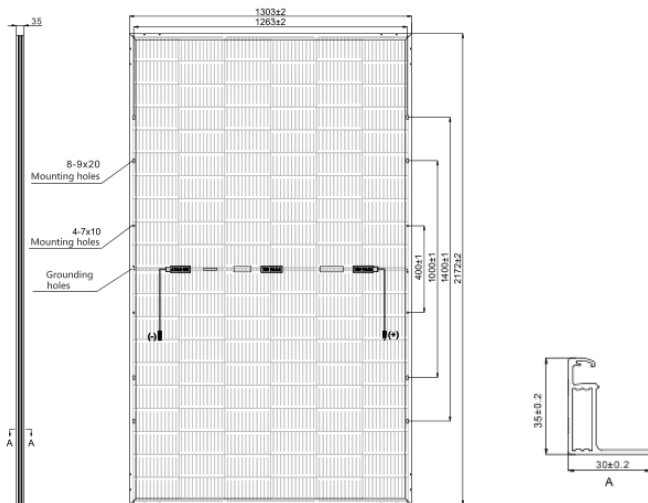
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	558

PHYSICAL CHARACTERISTICS

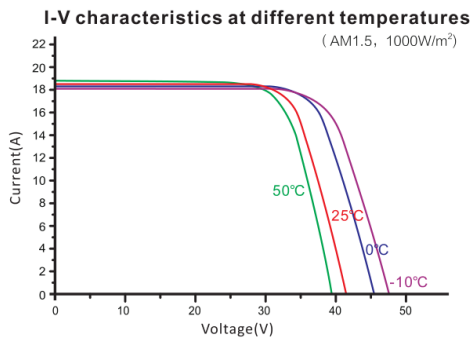
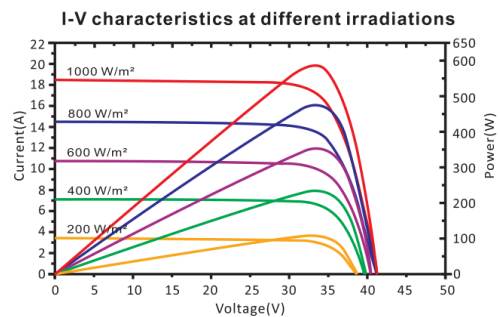


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

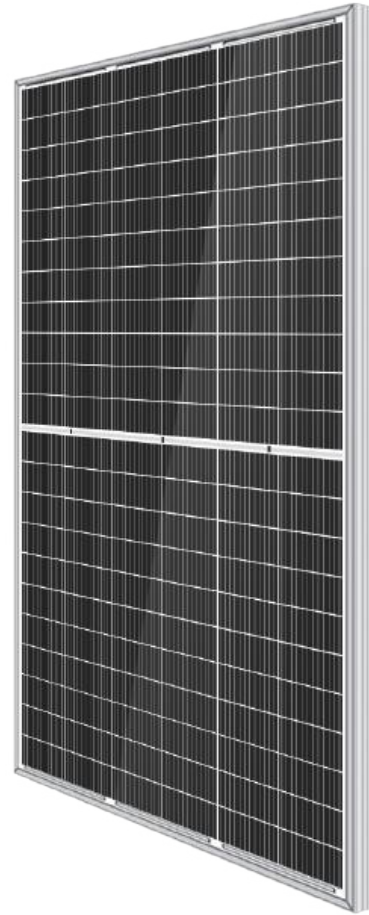
ELECTRICAL CHARACTERISTICS

JST-G12-M-60-MH-590W



JUSTSOLAR BIFACIAL Halfcut 210mm MONO MODULE

JST-G12-M-66-MH-
(650-675)W



High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



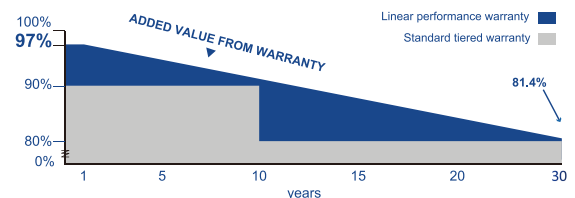
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

0 to +5W

0 to +5W positive tolerance
Detailed information in Electrical Specifications.

48

48-hour response service



30

30-year performance warranty

15

15-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JUST Solar

ELECTRICAL DATA

Model Type	JST-G12-M-66-MH-***W	650	655	660	665	670	675
Peak Power (Pmax)		650W	655W	660W	665W	670W	675W
Module Efficiency		20.92%	21.09%	21.25%	21.41%	21.57%	21.73%
Maximum Power Voltage (Vmp)		37.61V	37.81V	38.01V	38.21V	38.41V	38.61V
Maximum Power Current (Imp)		17.28A	17.32A	17.36A	17.40A	17.44A	17.48A
Open Circuit Voltage (Voc)		45.58V	48.78V	45.98V	46.18V	46.38V	46.58V
Short Circuit Current (Isc)		18.16A	18.21	18.26A	18.31A	18.36A	18.41A
Power Tolerance		0 to +5W					
Maximum System Voltage		1000/1500V					
Nominal Operating Cell Temperature		41±3°C					
Maximum Series Fuse Rating		30A					

MECHANICAL DATA

Cell Type	210mm, Mono
Number of Cells	132(11×6×2)
Weight	34kg
Dimension	2384*1303*35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

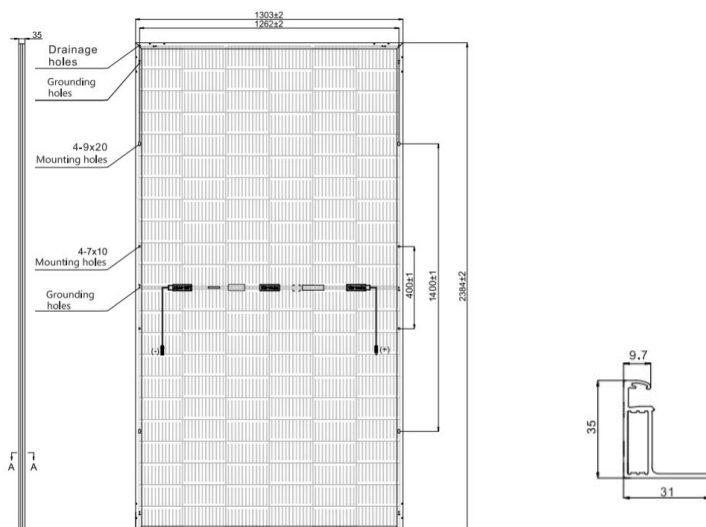
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.36% /°C

PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	558

PHYSICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

ELECTRICAL CHARACTERISTICS

JST-G12-M-66-MH-650W

