

Empowering Tomorrow with Solar Brilliance

Providing high quality and innovative solar panels.

JHPVTECH

BRAND HISTORY

2015

Ningbo Jinghong Energy Technology Co., Ltd. was established, Cell printing and production

2017

The Cell production capacity was 400MW, and the two-year export sales exceeded from \$3 million to \$10 million

2019

Established Indian branch SUNLONG cell printing

2022

Established Cutting silicon wafers company and module production base 1.5GW

2023

It established a European branch and a Singapore branch, engaged in Cell and silicon wafer sales

2024

Set sail for the future...



CERTIFICATION



MORE SECURE INSURANCE SERVICES



JH-M10MC108C 370W-G

18.97% Efficiency

370W (182x91 mm) 108 pcs

N-TYPE monofacial Green Frame

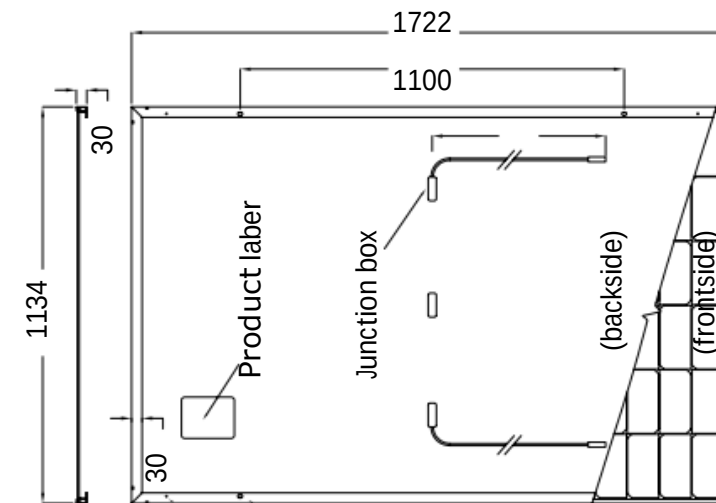


Dimension: 1722 mm x 1134mm x 30 mm

Weight: 20.8 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	370W / 278W
Test Environment	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)
Module efficiency(%)	18.97
Voltage at Pmax Vmpp(V)	32.41 / 30.17
Current at Pmax Impp(A)	11.42 / 9.22
Open-circuit voltage Vco(V)	38.58 / 36.67
Short-circuit current Ico(A)	11.95 / 9.65

*STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-
*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1722 mm / 1134mm / 30 mm
Weight	20.8 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	26
Pieces per Container	936

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.29
Temperature coefficient of Voc	β	% / °C	-0.28
Temperature coefficient of Isc	α	% / °C	0.05

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	20 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s ⁻¹

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 18
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M10MC108C 370W-R

18.97% Efficiency

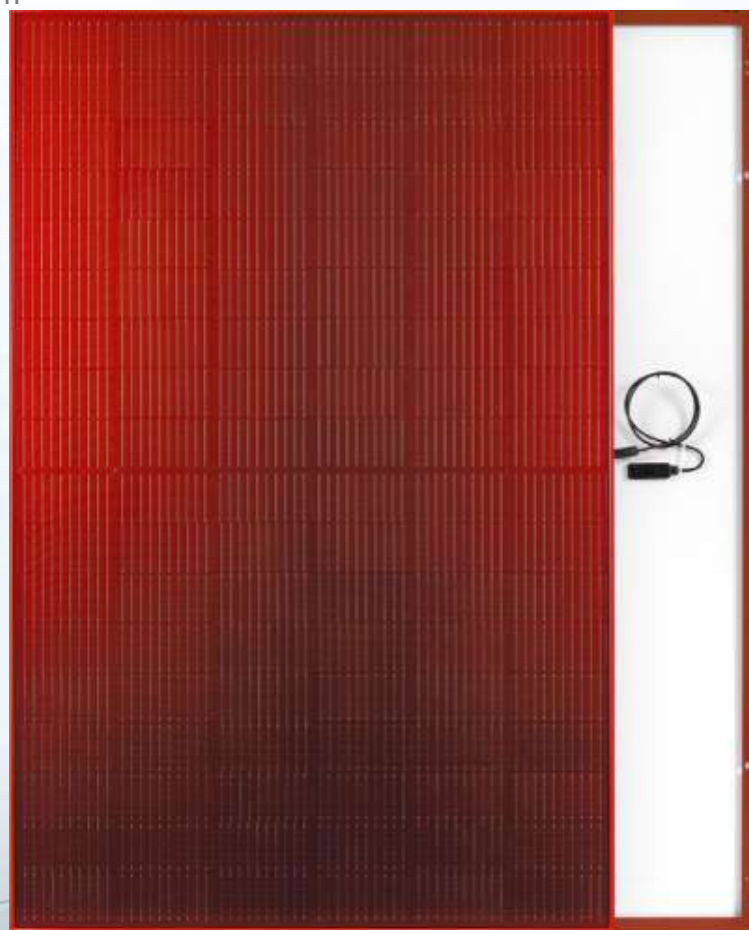
370W (182x91 mm) 108 pcs

N-TYPE monofacial Green Frame

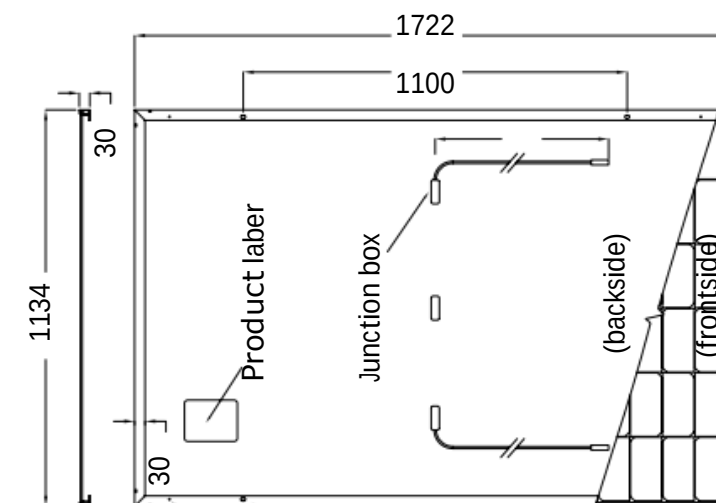


Dimension: 1722 mm x 1134mm x 30 mm

Weight: 20.8 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	370W / 278W
Test Environment	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)
Module efficiency(%)	18.97
Voltage at Pmax Vmpp(V)	32.41 / 30.17
Current at Pmax Impp(A)	11.42 / 9.22
Open-circuit voltage Vco(V)	38.58 / 36.67
Short-circuit current Ico(A)	11.95 / 9.65

*STC: 1000 W·m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-
*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1722 mm / 1134mm / 30 mm
Weight	20.8 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	26
Pieces per Container	936

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.29
Temperature coefficient of Voc	β	% / °C	-0.28
Temperature coefficient of Isc	α	% / °C	0.05

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	20 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 18
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M10DF108C3 425~445W

N-22.27% Efficiency

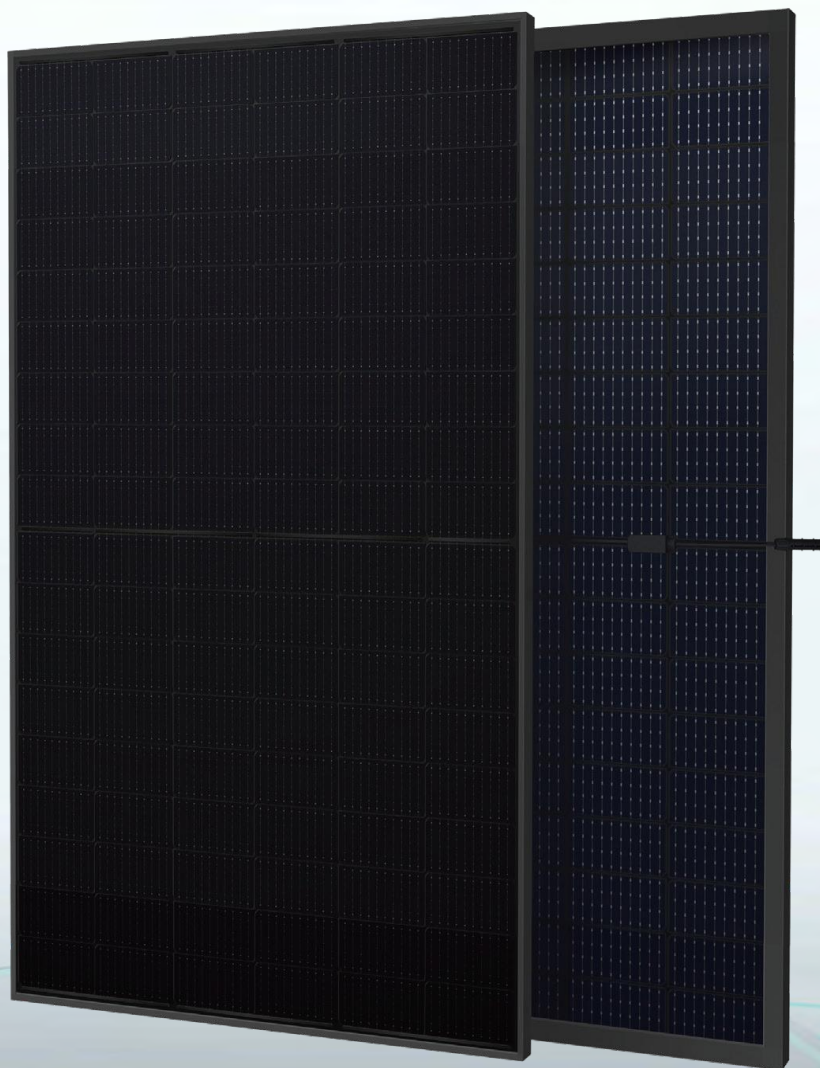
425~445W (182x188 mm Half-Cut Cell) 108 pcs

N-TYPE Full black bifacial

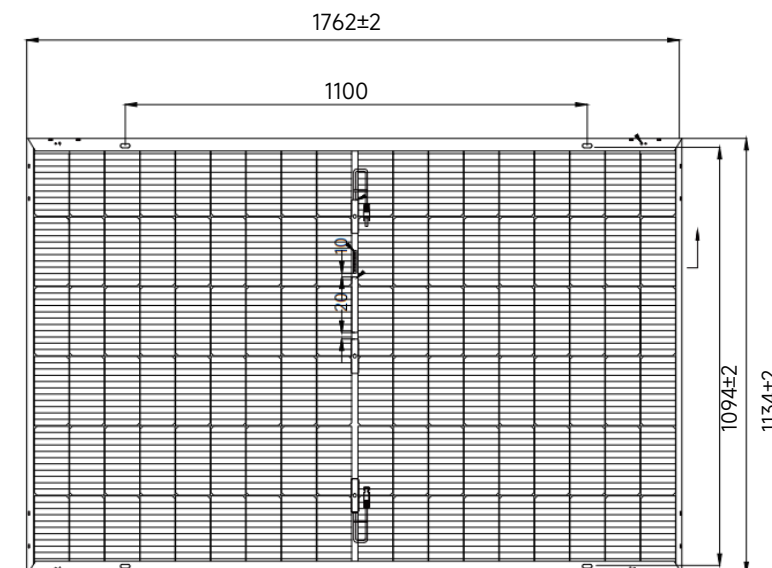


Dimension: 1762 mm x 1134mm x 30 mm

Weight: 25.8 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	425W / 320W	430W / 323W	435W / 327W	440W / 331W	445W / 335W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	21.27	21.52	21.77	22.02	22.27
Voltage at Pmax Vmpp(V)	32.37 / 30.19	32.58 / 30.30	32.78 / 30.50	32.99 / 30.73	33.18 / 30.93
Current at Pmax Imp(A)	13.13 / 10.60	13.20 / 10.66	13.27 / 10.72	13.34 / 10.77	13.41 / 10.83
Open-circuit voltage Vco(V)	38.95 / 37.00	39.16 / 37.20	39.36 / 37.39	39.57 / 37.59	39.78 / 37.80
Short-circuit current Ico(A)	13.58 / 10.96	13.65 / 11.02	13.72 / 11.08	13.80 / 11.14	13.87 / 11.20

*STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1762 mm / 1134mm / 30 mm
Weight	25.8 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	26
Pieces per Container	936

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	43 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.29
Temperature coefficient of Voc	β	% / °C	-0.25
Temperature coefficient of Isc	α	% / °C	0.045

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	25 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s ⁻¹

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 18
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M10DS132C 490~510W

N-21.5% Efficiency

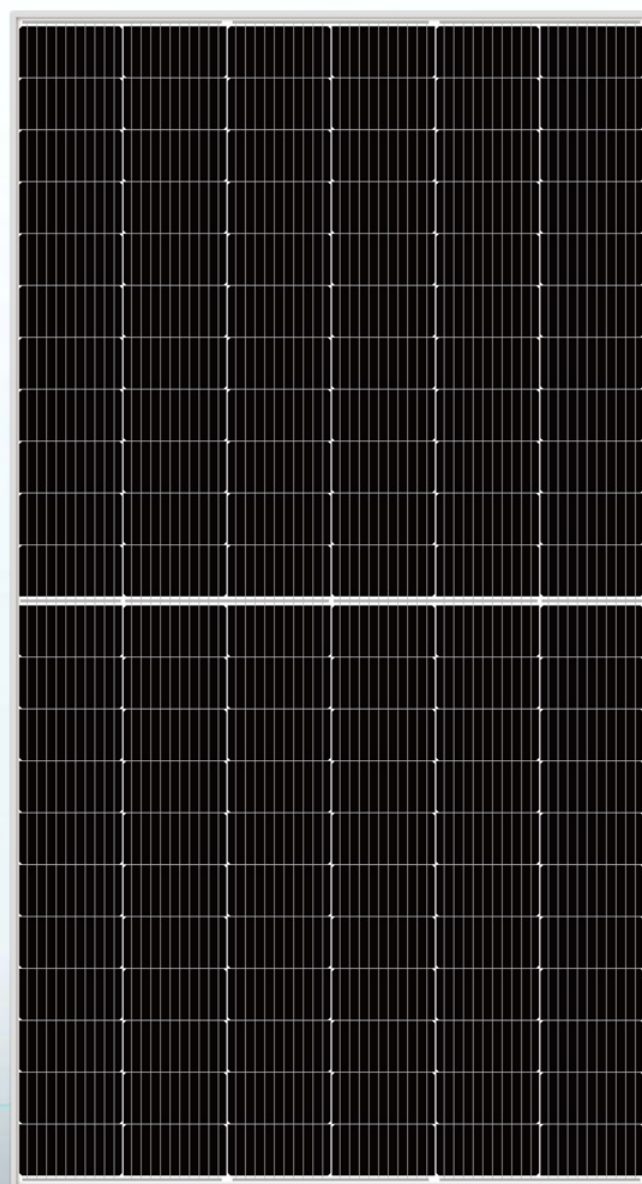
490~510W (182x182 mm Half-Cut Cell) 132 pcs

N-TYPE Bifacial Silver Fram

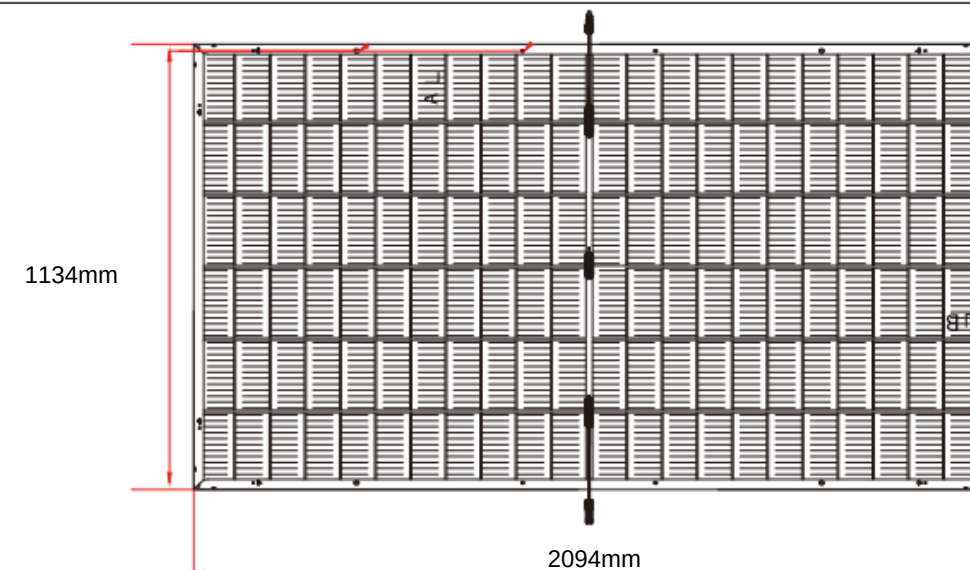


Dimension: 2094 mm x 1134mm x 30 mm

Weight: 25.3 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	490W / 365W	495W / 369W	500W / 373W	440W / 331W	445W / 335W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	20.6	20.8	21.1	21.3	21.5
Voltage at Pmax Vmpp(V)	37.27 / 34.89	37.34 / 34.96	37.41 / 35.02	37.53 / 35.13	37.62 / 35.22
Current at Pmax Impp(A)	13.15 / 10.46	13.26 / 10.55	13.37 / 10.64	13.46 / 10.71	13.56 / 10.79
Open-circuit voltage Vco(V)	45.25 / 42.71	45.34 / 42.80	45.43 / 42.88	45.54 / 42.99	45.61 / 43.05
Short-circuit current Ico(A)	13.71 / 11.08	13.78 / 11.13	13.85 / 11.19	13.95 / 11.27	14.06 / 11.36

*STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2094 mm / 1134mm / 30 mm
Weight	25.3 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	22
Pieces per Container	792

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	43 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.33
Temperature coefficient of Voc	β	% / °C	-0.26
Temperature coefficient of Isc	α	% / °C	0.06

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	25 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s ⁻¹

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 22
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M10DS144C 570~590W

N-22.84% Efficiency

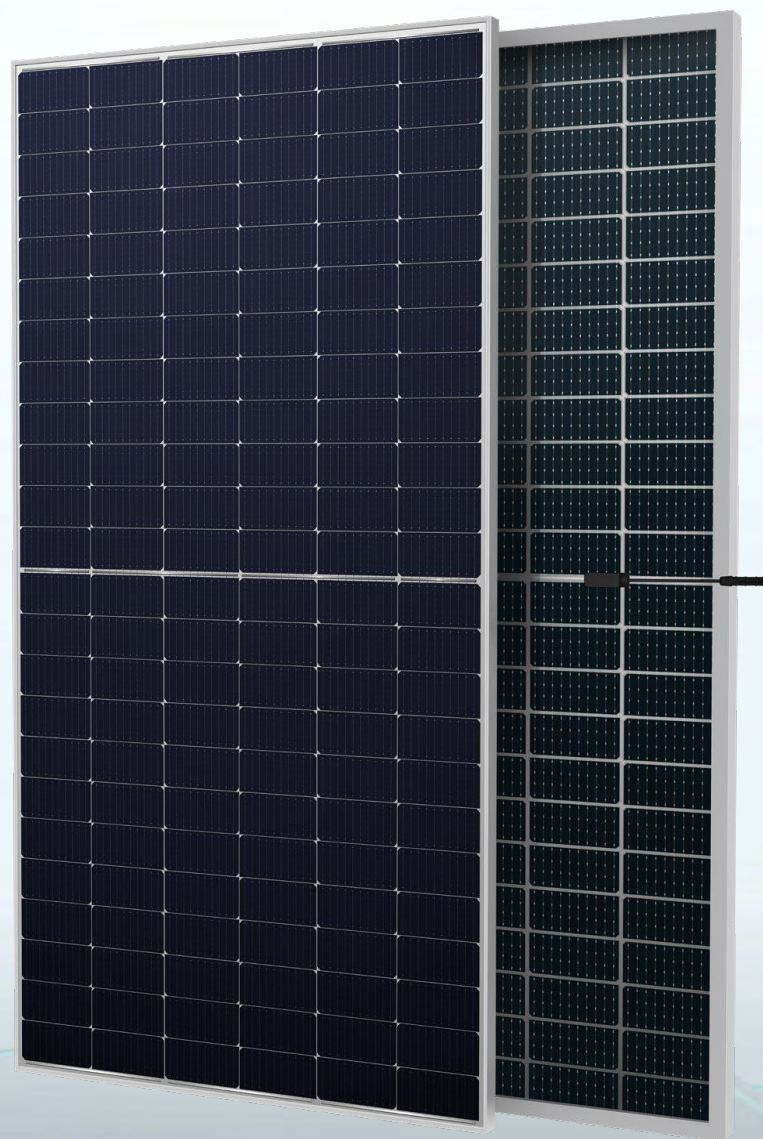
570~590W (182x182 mm Half-Cut Cell) 144 pcs

N-TYPE bifacial Silver Frame

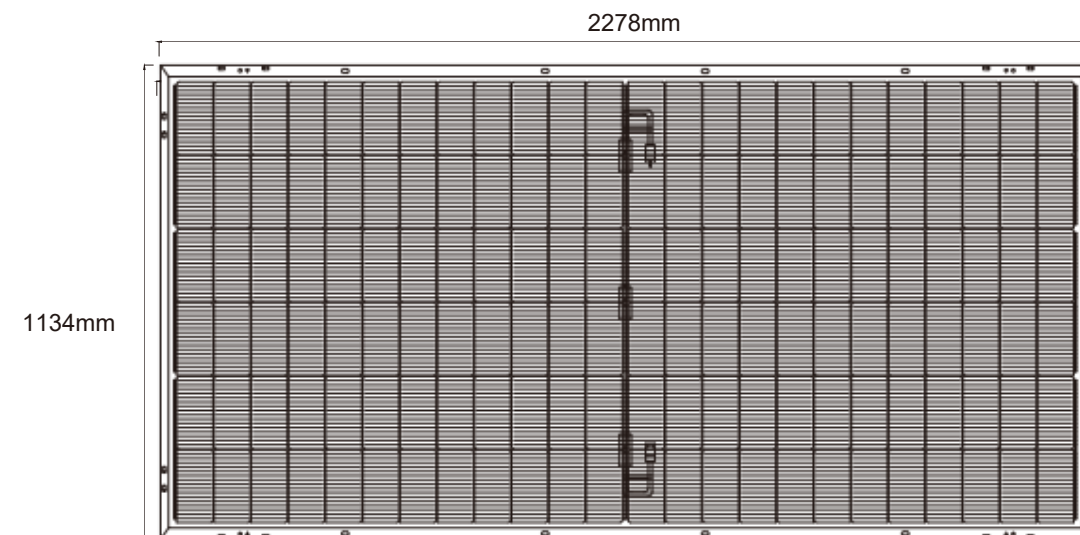


Dimension: 2278 mm x 1134mm x 30 mm

Weight: 31.7 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	570W / 432W	575W / 436W	580W / 440W	585W / 444W	590W / 448W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	22.07	22.26	22.45	22.65	22.84
Voltage at Pmax Vmpp(V)	43.58 / 40.56	43.73 / 40.75	43.88 / 40.93	44.02 / 41.11	44.16 / 41.29
Current at Pmax Impp(A)	13.08 / 10.65	13.15 / 10.70	13.22 / 10.75	13.29 / 10.80	13.36 / 10.85
Open-circuit voltage Vco(V)	52.55 / 49.40	50.75 / 49.59	52.95 / 49.77	53.15 / 49.96	53.35 / 50.15
Short-circuit current Ico(A)	13.83 / 11.28	13.89 / 11.33	13.95 / 11.38	14.01 / 11.43	14.07 / 11.48

*STC: 1000 W·m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2278 mm / 1134mm / 30 mm
Weight	31.7kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	20
Pieces per Container	720

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.29
Temperature coefficient of Voc	β	% / °C	-0.25
Temperature coefficient of Isc	α	% / °C	0.045

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	30 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 24
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-G12RDS132C 620~640W

N-23.5% Efficiency

620~640W (182x210 mm Half-Cut Cell) 132 pcs

N-TYPE bifacial Silver Frame

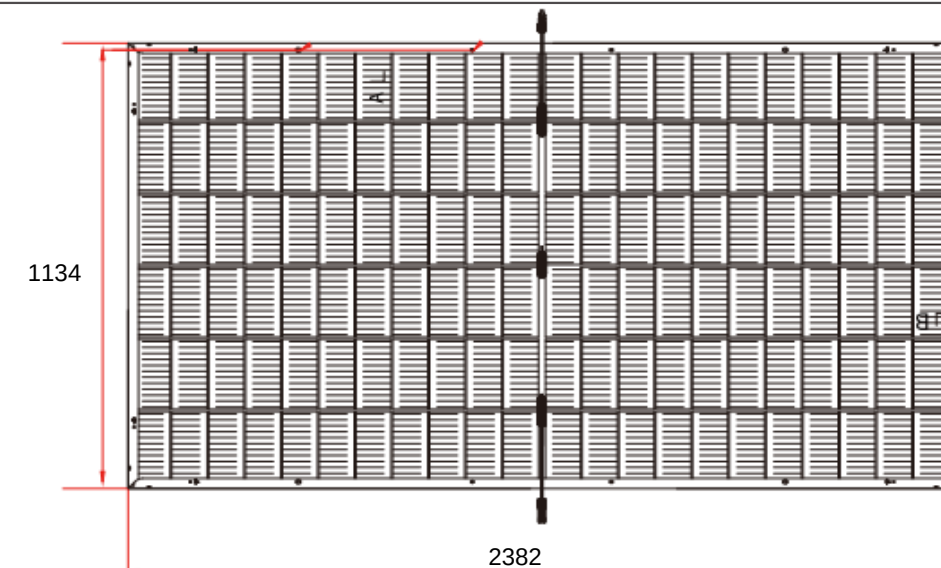


Dimension: 2382 mm x 1134mm x 30 mm

Weight: 33.1 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	620W / 474 W	625W / 478W	630W / 482W	635W / 486W	640W / 490W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	23.0	23.1	23.3	23.4	23.5
Voltage at Pmax Vmpp(V)	41.40 / 38.80	41.70 / 39.10	42.00 / 39.40	42.30 / 39.70	42.60 / 40.00
Current at Pmax Imp(A)	14.99 / 12.20	15.00 / 12.21	15.01 / 12.22	15.02 / 12.23	15.03 / 12.24
Open-circuit voltage Vco(V)	49.60 / 47.10	49.90 / 47.30	50.20 / 47.70	50.50 / 48.10	50.80 / 48.50
Short-circuit current Ico(A)	15.91 / 12.82	15.92 / 12.83	15.93 / 12.84	15.94 / 12.85	15.95 / 12.86

*STC: 1000 W·m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2382 mm / 1134mm / 30 mm
Weight	33.1 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	20
Pieces per Container	720

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.29
Temperature coefficient of Voc	β	% / °C	-0.25
Temperature coefficient of Isc	α	% / °C	0.045

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	35 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 22
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M10DS156C 620~640W

N-22.72% Efficiency

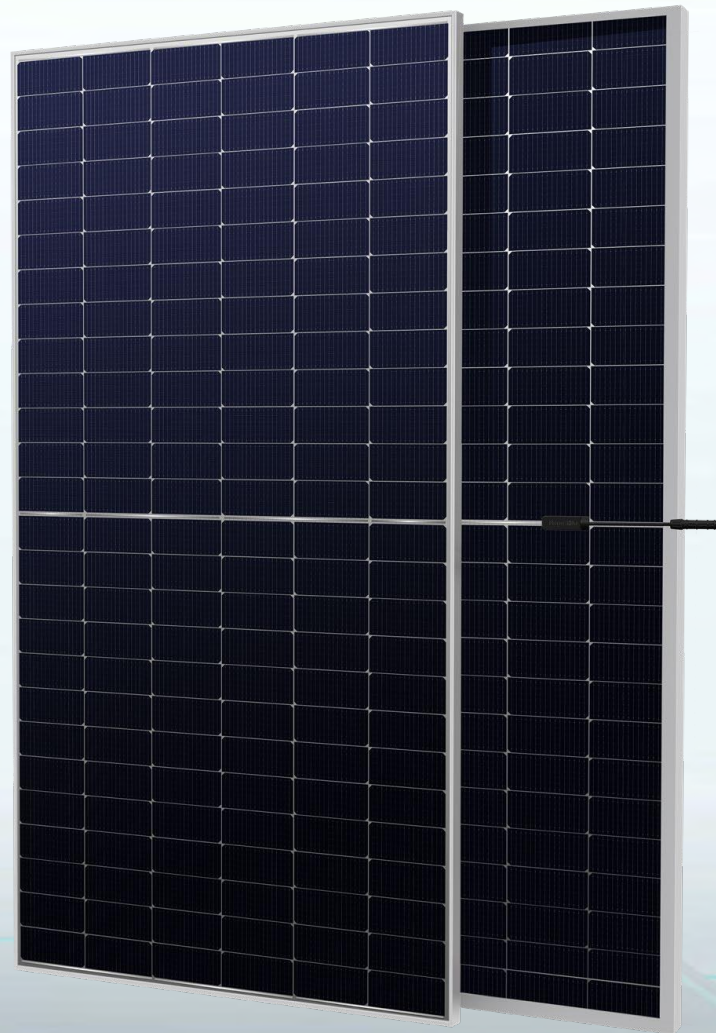
620~640W (182x182 mm Half-Cut Cell) 156 pcs

N-TYPE bifacial Silver Frame

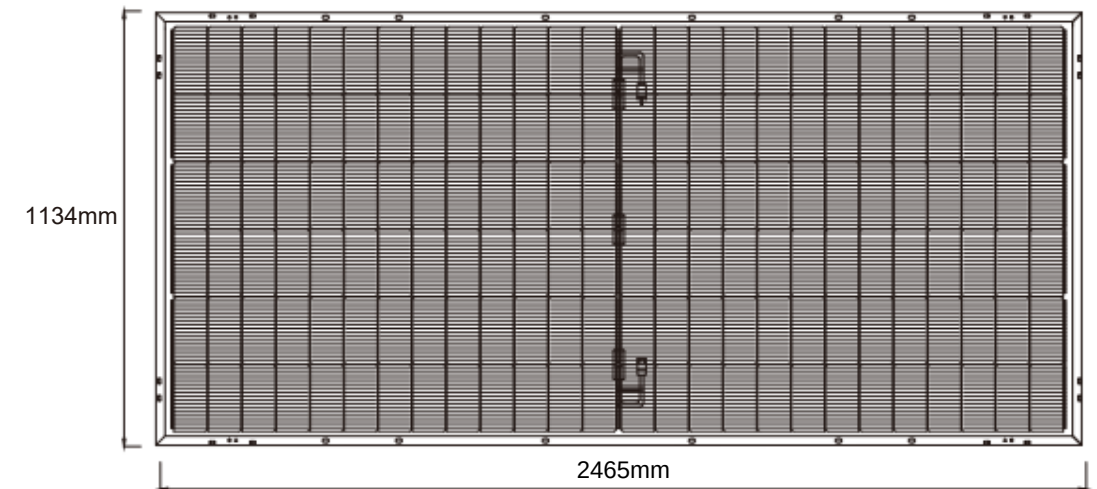


Dimension: 2465 mm x 1134mm x 30 mm

Weight: 35 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	620W / 465.74W	625W / 469.50W	630W / 473.26W	635W / 477.01W	640W / 480.76W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	22.18	22.35	22.54	22.72	22.90
Voltage at Pmax Vmpp(V)	47.37 / 44.05	47.54 / 44.21	47.70 / 44.36	47.86 / 44.51	48.02 / 44.66
Current at Pmax Imp(A)	13.09 / 10.57	13.15 / 10.62	13.21 / 10.67	13.27 / 10.72	13.33 / 10.77
Open-circuit voltage Vco(V)	57.37 / 53.93	57.50 / 54.05	57.63 / 54.17	57.76 / 54.29	57.89 / 54.37
Short-circuit current Ico(A)	13.74 / 11.16	13.80 / 11.22	13.86 / 11.29	13.92 / 11.35	13.98 / 11.41

*STC: 1000 W·m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2465 mm / 1134mm / 30 mm
Weight	35 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	36
Number of pallets per 40' container	18
Pieces per Container	648

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefcient of Pmax	γ	% / °C	-0.29
Temperature coefcient of Voc	β	% / °C	-0.25
Temperature coefcient of Isc	α	% / °C	0.045

*NOCT: open-circuit module operation temperature at 800 W·m-2 irradiance, 20°C ambient temperature, 1 m·s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	30 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 26
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-G12DS132C 700~720W

N-23.18% Efficiency

700~720W (210x210 mm Half-Cut Cell) 132 pcs

N-TYPE bifacial Silver Frame

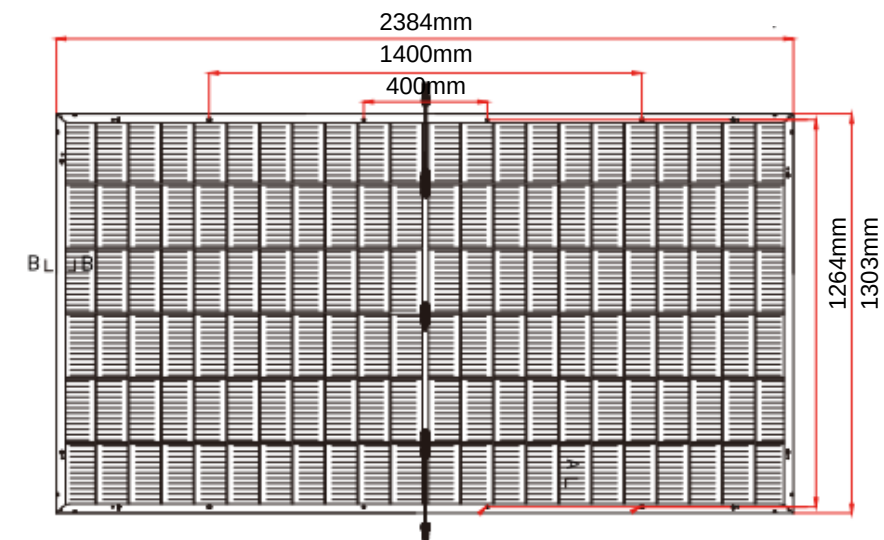


Dimension: 2384 mm x 1303mm x 33 mm

Weight: 38.7 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	700W / 534W	705W / 540W	710W / 543W	715W / 547W	720W / 551W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	22.53	22.70	22.86	23.02	23.18
Voltage at Pmax Vmpp(V)	40.50 / 38.00	40.70 / 38.30	40.90 / 38.50	41.10 / 38.70	41.30 / 38.80
Current at Pmax Imp(A)	17.29 / 14.05	17.33 / 14.08	17.36 / 14.12	17.40 / 14.14	17.44 / 14.19
Open-circuit voltage Vco(V)	48.60 / 46.10	48.80 / 46.30	49.00 / 46.50	49.20 / 46.70	49.40 / 46.90
Short-circuit current Ico(A)	18.32 / 14.76	18.36 / 14.80	18.40 / 14.83	18.44 / 14.86	18.49 / 14.90

*STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2384 mm / 1303mm / 33 mm
Weight	38.7 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	33
Number of pallets per 40' container	18
Pieces per Container	594

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefficient of Pmax	γ	% / °C	-0.30
Temperature coefficient of Voc	β	% / °C	-0.24
Temperature coefficient of Isc	α	% / °C	0.045

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	35 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s ⁻¹

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 22
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

JH-M6DB80C 250W

8.4% Efficiency

250W (166x166 mm Half-Cut Cell) 80

pcs P-TYPE Bifacial

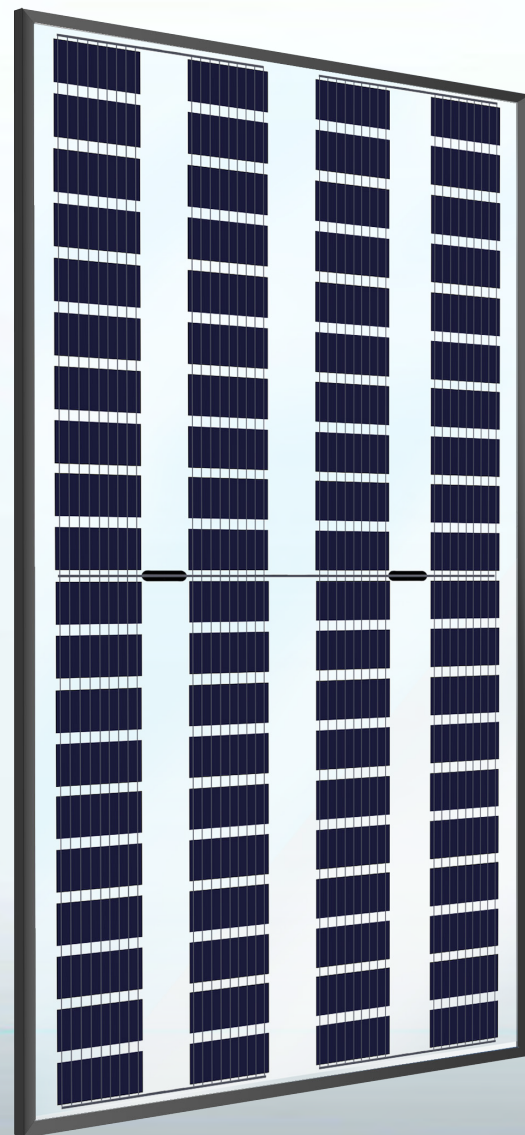


Dimension: 2111 mm x 1409 mm x 33 mm

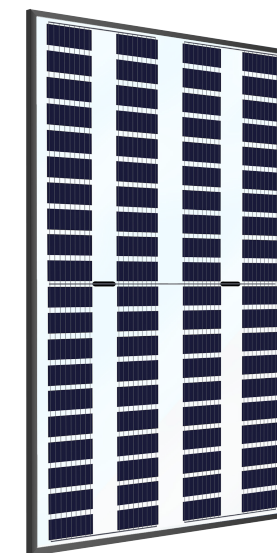
Weight: 28 kg

50% light transmittance

Suitable for parking lots, farms, grape plantations, etc



Product Appearance



2111 x 1049 x 35 mm

Electrical parameters at Standard Test Conditions (STC*)

Module Type	250W
Test Environment	STC
Power output tolerances Pmax(W)	(0,+5)
Module efficiency(%)	8.4
Voltage at Pmax Vmpp(V)	23.1
Current at Pmax Impp(A)	10.82
Open-circuit voltage Vco(V)	27.7
Short-circuit current Ico(A)	11.36

*STC: 1000 W-m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2111 mm / 1409mm / 33 mm
Weight	28 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	33
Number of pallets per 40' container	20
Pieces per Container	660

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefcient of Pmax	γ	% / °C	-0.40
Temperature coefcient of Voc	β	% / °C	-0.34
Temperature coefcient of Isc	α	% / °C	0.06

*NOCT: open-circuit module operation temperature at 800 W-m-2 irradiance, 20°C ambient temperature, 1 m-s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	20 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 4 x 20
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm²

A-JH-182D55 450W

21.33% Efficiency

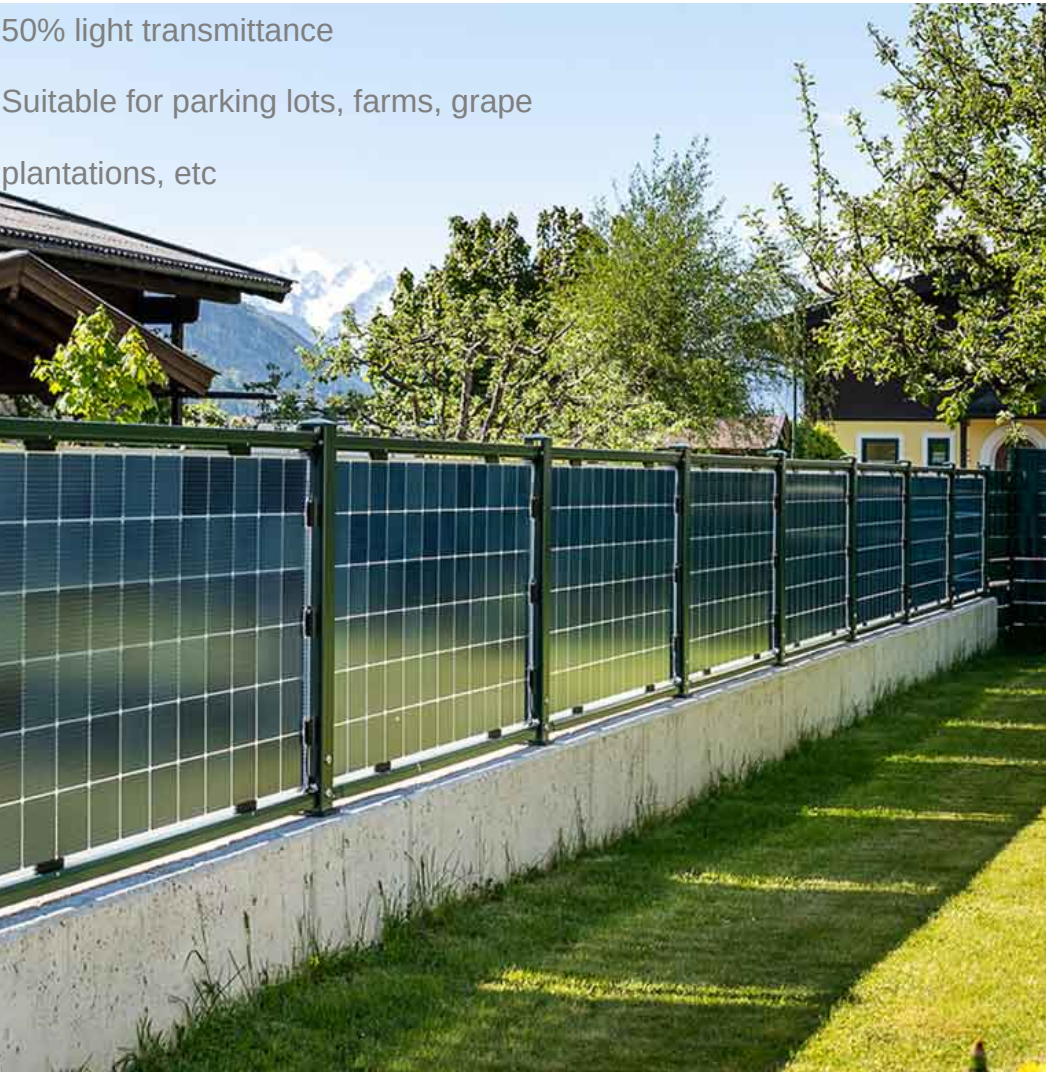
450W 55 pcs

P-TYPE Bifacial

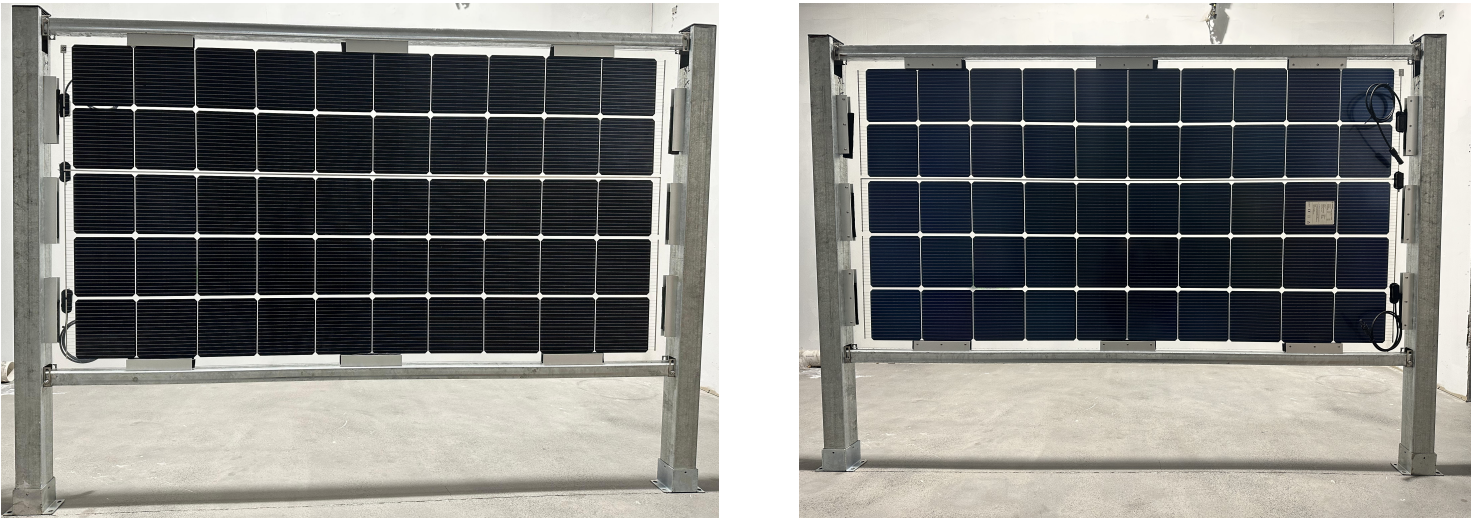


Dimension: 2105 mm x 1002 mm x 5 mm

Weight: 25.5 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*)

Module Type	450W
Test Environment	STC
Power output tolerances Pmax(W)	(0,+5)
Module efficiency(%)	21.33
Voltage at Pmax Vmpp(V)	35.42
Current at Pmax Impp(A)	12.71
Open-circuit voltage Vco(V)	40.37
Short-circuit current Ico(A)	13.76

*STC: 1000 W-m-2 irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	2105 mm / 1002 mm / 5 mm
Weight	25.5kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	40
Number of pallets per 40' container	22
Pieces per Container	880

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 ± 2
Temperature coefcient of Pmax	γ	% / °C	-0.40
Temperature coefcient of Voc	β	% / °C	-0.34
Temperature coefcient of Isc	α	% / °C	0.06

*NOCT: open-circuit module operation temperature at 800 W-m-2 irradiance, 20°C ambient temperature, 1 m-s-1 wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	25 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s-1

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 5 x 10
Glass (material / thickness)	low-iron tempered glass / 2+2 mm
Frame (material)	No frame
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm²

JH-R126WM 365~385W

21.8% Efficiency Ultra-Light Solar Modules

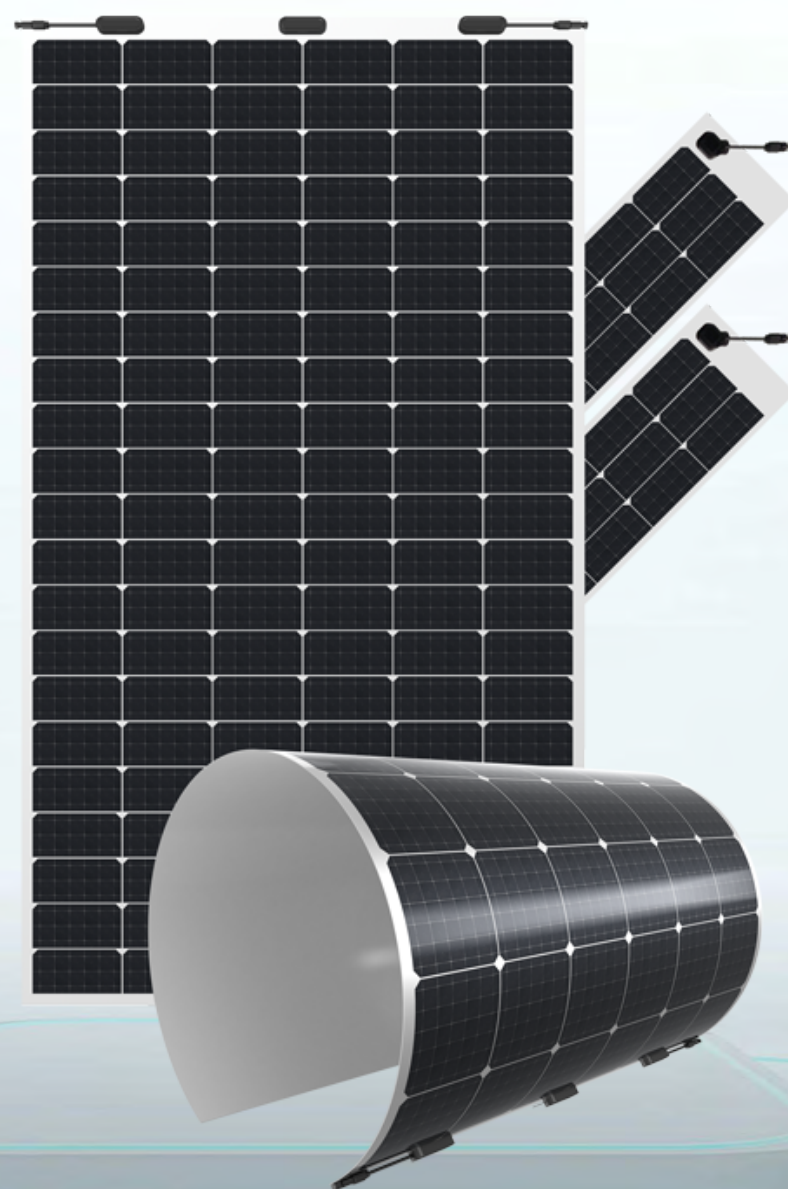
365~385W 126 pcs

P-TYPE monofacial White Framel

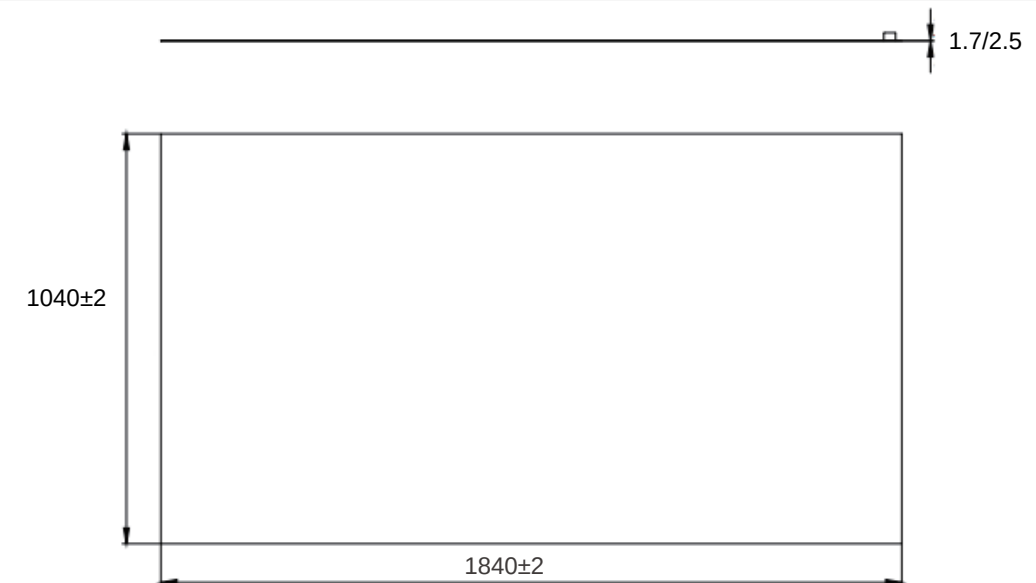


Dimension: 1840 mm x 1040mm x 1.7/2.5

mm Weight: 4.3/6.9 kg



Product Appearance



Electrical parameters at Standard Test Conditions (STC*) & Nominal Operating Cell Temperature (NOCT*)

Module Type	365W / 274W	370W / 278W	375W / 282W	380W / 286W	385W / 291W
Test Environment	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT	STC / NOCT
Power output tolerances Pmax(W)	(0,+5)	(0,+5)	(0,+5)	(0,+5)	(0,+5)
Module efficiency(%)	20.70	21.00	21.20	21.50	21.80
Voltage at Pmax Vmpp(V)	34.90 / 32.80	35.10 / 33.00	35.30 / 33.20	35.50 / 33.40	35.70 / 33.40
Current at Pmax Impp(A)	10.46 / 8.35	10.54 / 8.42	10.62 / 8.49	10.70 / 8.56	10.78 / 8.63
Open-circuit voltage Vco(V)	42.40 / 39.90	42.60 / 40.10	42.80 / 40.30	43.00 / 40.50	43.20 / 40.80
Short-circuit current Ico(A)	11.09 / 8.91	11.16 / 8.98	11.23 / 9.05	11.30 / 9.12	11.35 / 9.19

*STC: 1000 W·m⁻² irradiance, 25°C cell temperature, AM 1.5 spectrum according to EN 60904-

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1840 mm *1040mm * 1.7/2.5 mm
Weight	4.3 / 6.9 kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	46
Number of pallets per 40' container	24
Pieces per Container	1104

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	43 ± 2
Temperature coefcient of P	γ	% / °C	-0.36
Temperature coefcient of Voc	β	% / °C	-0.28
Temperature coefcient of Isc	α	% / °C	0.06

*NOCT: open-circuit module operation temperature at 800 W·m⁻² irradiance, 20°C ambient temperature, 1 m·s⁻¹ wind speed.

OPERATING CONDITIONS

Max. system voltage	1500 VDC
Max. series fuse rating*	25 A
Operating temperature range	- 40°C to 85°C
Max. static load, front (e.g., snow)	5400 Pa
Max. static load, back (e.g., wind)	2400 Pa
Max. hailstone impact (diameter/velocity)	25 mm / 23 m·s ⁻¹

*DO NOT CONNECT FUSE IN COMBINER BOX WITH TWO OR MORE STRINGS IN PARALLEL CONNECTION.

CONSTRUCTION MATERIALS

Cell (material / quantity)	monocrystalline silicon / 6 x 21
Glass (material / thickness)	low-iron tempered glass
Frame (material)	anodized aluminum alloy
Junction box (type / protection degree)	3 bypass diodes / ≥ IP68
Cable (length / cross-sectional area)	± 300 mm or customized length / 4 mm ²

SERVICE SUPPORT

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