

JH-G12DS132C 700~720W

N-23.18% Efficiency

N

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

N-TYPE bifacial Silver Frame

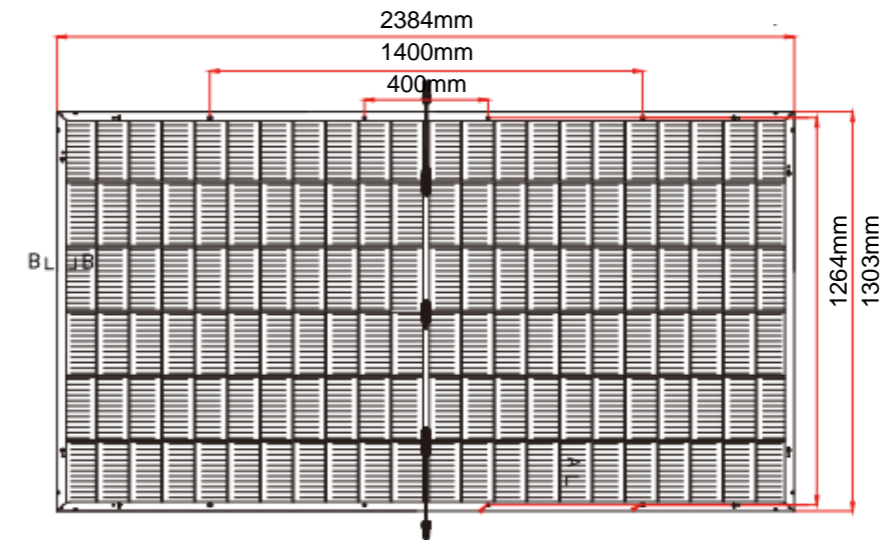


Dimension: 2384 mm x 1303mm x 33 mm

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	% / °C	-0.30
Temperature coefficient of Voc	% / °C	-0.24
Temperature coefficient of Isc	% / °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