

「210mm mono TOPCon half-cell, high-efficiency bifacial module」

685-720W

0-5W Positive Tolerance



MBB&SMBB Half-cut Cell Technology

New circuit design, lower internal current, and lower R_s loss.



High Power Density

A new generation of monocrystalline products with reduced resistive losses for greater power output.



Mechanical Properties

An aluminum frame in special design for better mechanical properties and more efficient installation.



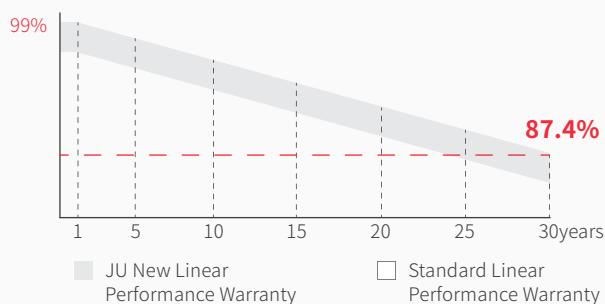
Excellent Weather Resistance

The solar modules can meet the IEC standard requirements with strong resistant to risks such as salt spray, ammonia gas, dust, snail marks and electric potential induced attenuation.



4 Times 100% EL Detection

Guarantee no micro cracks



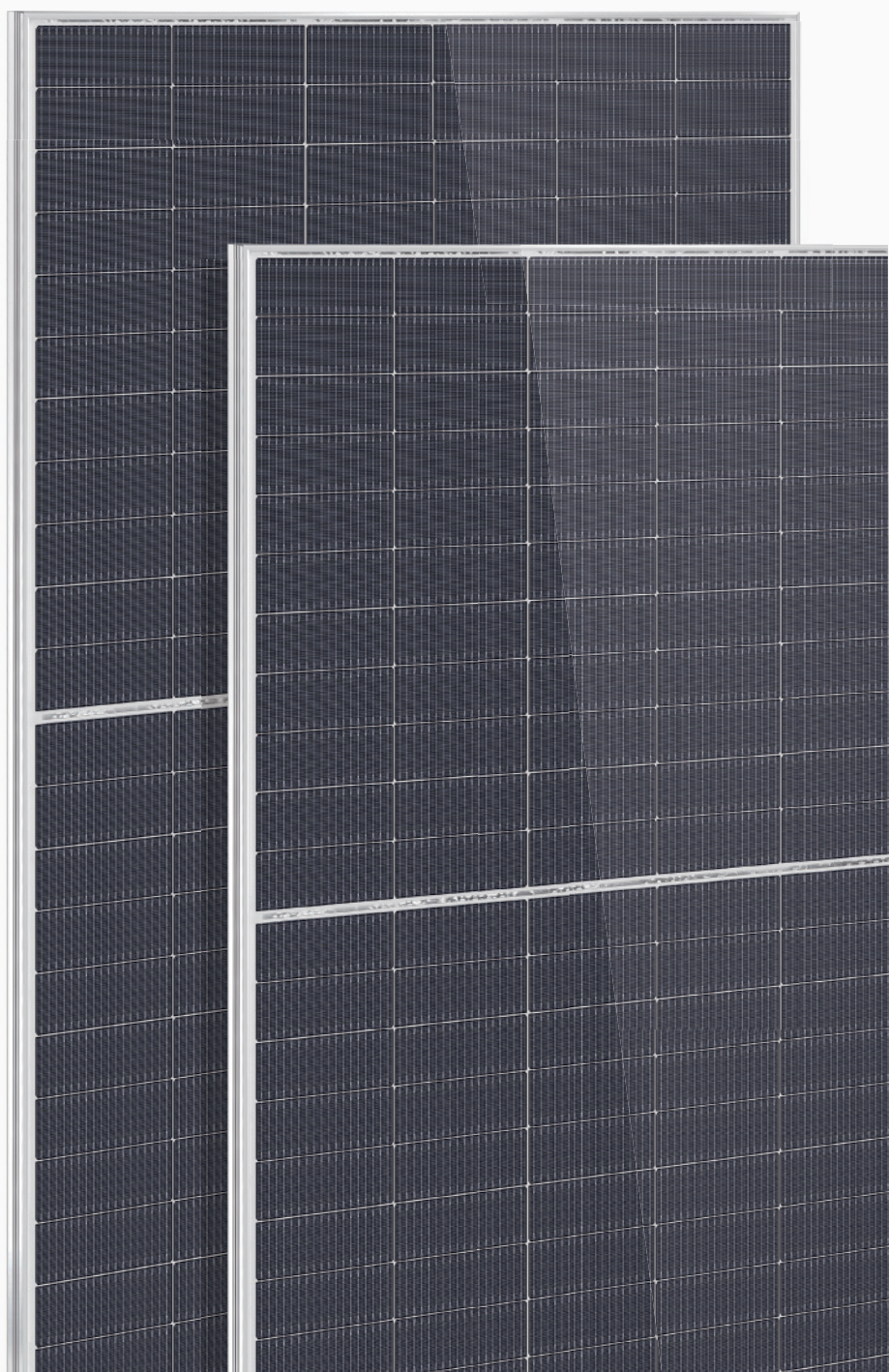
12years Material & process Warranty

30years Linear Performance Warranty

1% Linear Power Degradation in the First Year

0.4% Linear Power Degradation Every Year

PRODUCT QUALITY SYSTEM & CERTIFICATION



ELECTRICAL PROPERTIES

JU-210T-66HBG 132PCS

STC : irradiance, 1000W/m²; cell temperature, 25°C; spectral range, AM1.5

DOUBLE-SIDED COEFFICIENT: $\phi Voc: 98 \pm 5\%$, $\phi Isc: 80 \pm 5\%$, $\phi Pmax: 80 \pm 5\%$

	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum power - P _{mp} (W)	685	759	690	765	695	770	700	776	705	781	710	787	715	792
Open-circuit voltage - V _{oc} (V)	47.70	47.70	47.90	47.90	48.30	48.30	48.60	48.60	48.80	48.80	49.00	49.00	49.20	49.20
Short-circuit current - I _{sc} (A)	18.21	20.18	18.25	20.22	18.28	20.25	18.32	20.30	18.36	20.34	18.40	20.39	18.43	20.42
Max operating voltage - V _{mp} (V)	39.80	39.80	40.10	40.10	40.30	40.30	40.50	40.50	40.70	40.70	40.90	40.90	41.10	41.10
Max operating current - I _{mp} (A)	17.19	19.05	17.23	19.09	17.25	19.11	17.29	19.16	17.33	19.20	17.36	19.23	17.40	19.28
Module conversion efficiency - η_m	22.05%		22.21%		22.40%		22.53%		22.70%		22.86%		23.02%	

ABSOLUTE RATING

Power tolerance (W)	(0, +5)
Mechanical load	Front 5400Pa/Back 2400Pa
Maximum system voltage (V)	1500
Maximum series fuse rating (A)	30
Operating temperature	-40~+70°C

MECHANICAL PROPERTIES

Module dimensions (L*W*H)	2384X1303X35mm
Weight	38.5kg
Cell quantity	132PCS
Cell model	N-type TOPCon Monocrystalline 210 x 105mm
Glass	2.0mm AR, High Transmission, semi-tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68 Rated
Output line	4.0mm ² , wire length 300mm
Connector	MC4 Compatible

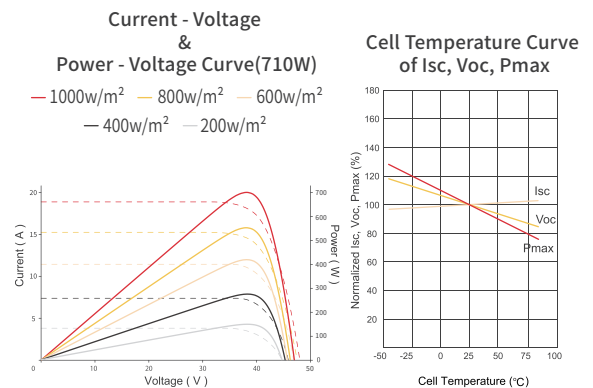
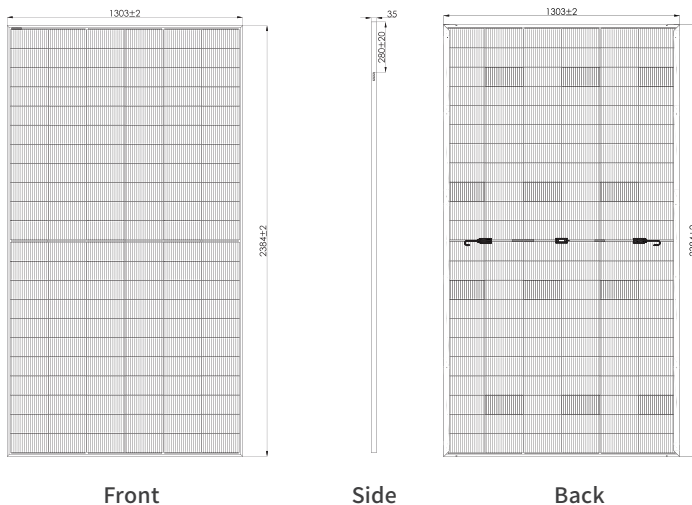
TEMPERATURE CHARACTERISTIC

Temperature coefficient (P _{max})	-0.30% / °C
Temperature coefficient (V _{oc})	-0.24% / °C
Temperature coefficient (I _{sc})	+0.04% / °C
NMOT	43 ± 2°C

PACKAGING

Container	40HQ
PCS / Pallet	31
PCS / Container	558

PRODUCT ASSEMBLY DRAWING(mm)



20GW ODM/OEM Solar Customization



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0086-400-888-3165

*Specifications included in this datasheet are subject to change without notice. JinenU reserves the right of final interpretation. (202304V02)