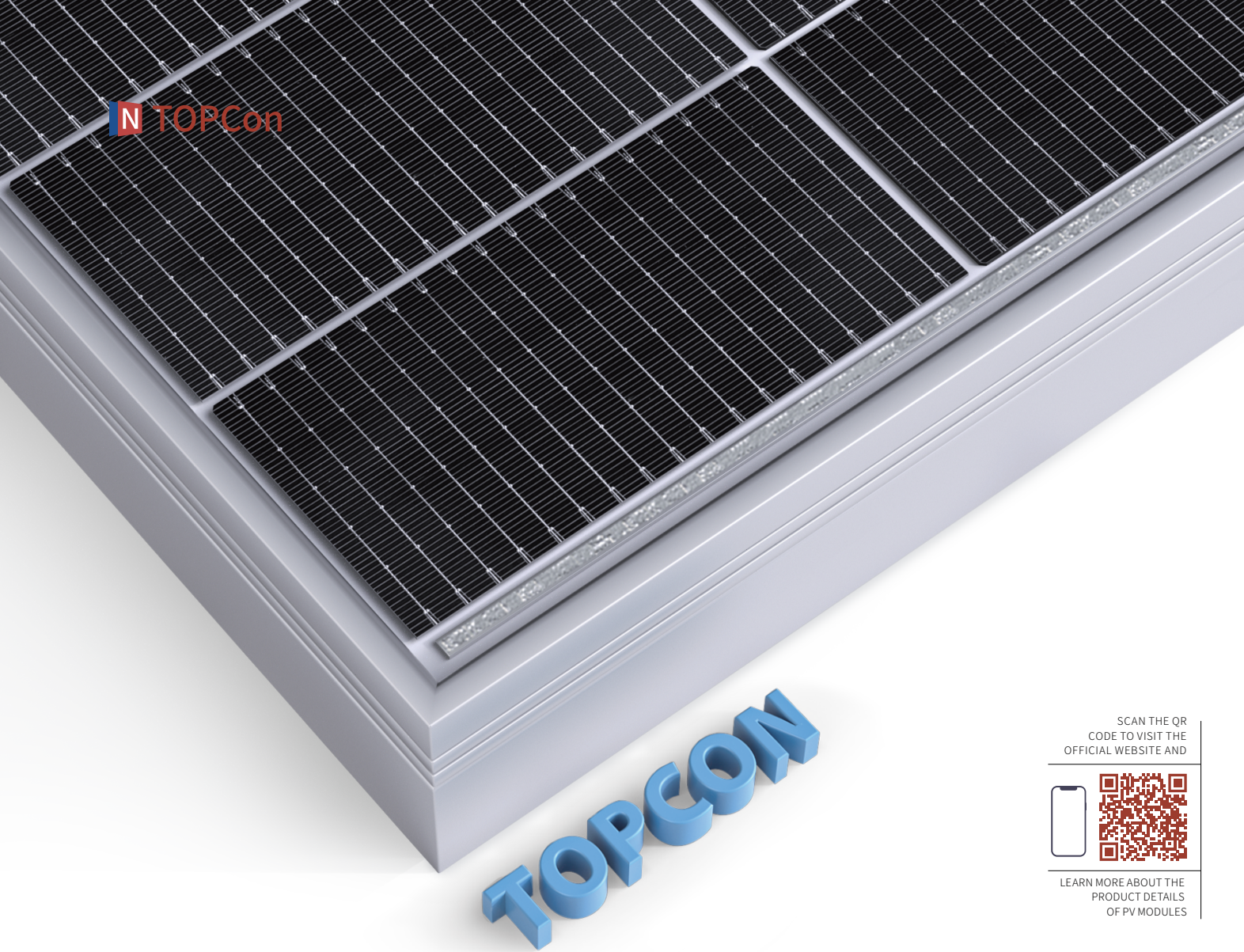
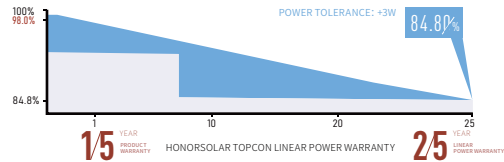




675^W - 700^W HY-M12 132H

210 mm M BB 132 pcs | TOPCon Mono-Crystalline Half-Cell Photovoltaic Module



Half-cell TOPCon cells with super multi-busbar technology



Excellent low-light power generation performance



100% tested with a 25-year guaranteed system operation



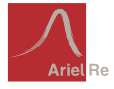
Fire Resistance Class A



Enhanced mechanical load capacity

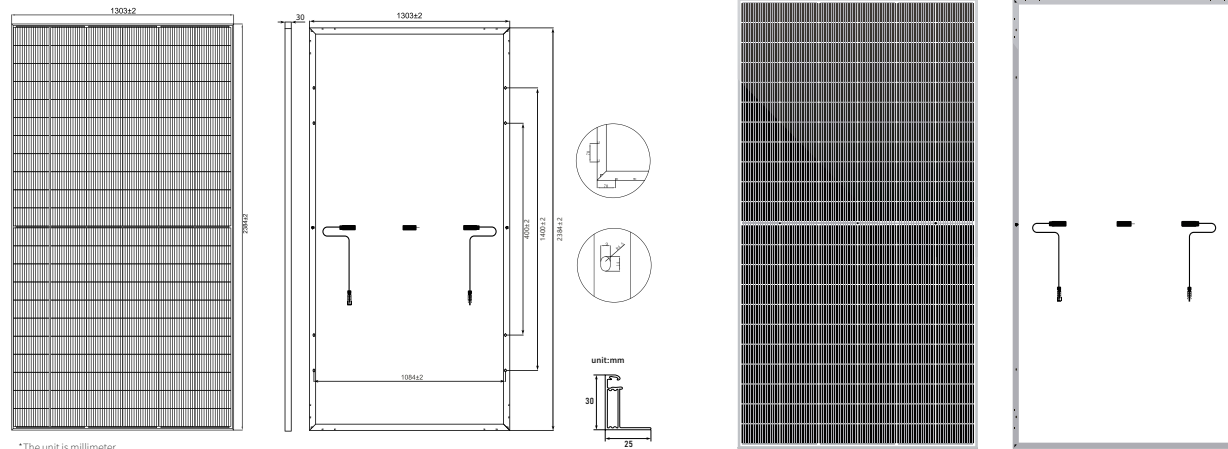


PID resistance



HY-M12/132H

210 mm M BB 132 pcs TOPCon Mono-Crystalline Half-Cell Photovoltaic Module



*The unit is millimeter.
*The picture below is a schematic diagram of the product, if you need detailed drawings, please contact HonorSolar.

Electrical Specification (STC/NOCT)

MODEL	HY-M12/132H-675		HY-M12/132H-680		HY-M12/132H-685		HY-M12/132H-690		HY-M12/132H-695		HY-M12/132H-700	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Power Output-Pmax(W)	675	510	680	514	685	518	690	522	695	526	700	530
Maximum Power Voltage-Vmp(V)	39.00	36.9	39.20	37.1	39.40	37.4	39.60	37.2	39.80	37.6	40.00	37.8
Maximum Power Current-Imp(A)	17.31	13.84	17.35	13.88	17.39	13.91	17.43	13.91	17.47	13.97	17.51	14.00
Open-Circuit Voltage-Voc(V)	46.90	44.4	47.10	44.6	47.30	44.8	47.50	44.8	47.70	45.2	47.90	45.4
Short-Circuit Current-Isc(A)	18.24	14.71	18.29	14.75	18.34	14.79	18.39	14.79	18.44	14.83	18.49	14.91
Module Efficiency-ηm(%)	21.7	/	21.9	/	22.1	/	22.2	/	22.4	/	22.5	/
Power Tolerance(W)	(0,+5W)											
Maximum System Voltage(V)	1500Vdc (IEC / UL)											
Max Series Fuse Rating(A)	30A											
*Standard Test Conditions (STC): Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM 1.5												
*NOCT Testing Conditions: Irradiance 800 W/m², Cell Temperature 20°C, Wind Speed 1 m/s												

Structural Performance

Cell Arrangement	TOPCon Mono-Crystalline 210mm (2x66pcs)
Dimensions of Module L*W*H	2384x1303x30mm
Weight	33 kg
Glass	Coated, 3.2mm tempered Glass, low Iron
Frame	Anodized aluminium alloy
Junction Box	IP68
Cables	4.0mm ² , 30cm(+), 30cm(-), length can be customized
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Connector	MC4 Compatible

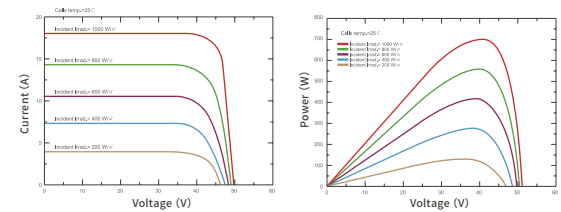
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	43±2°C
Temperature Coefficient of Pmax	-0.340%/°C
Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of Isc	+0.040%/°C
Operational Temperature	-40~+85°C

Packaging

	2384x1303x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	666

Current-Voltage & Power-Voltage Curves



Specifications are subject to change without prior notice!

www.honorsolar.cn

sales@honorsolar.cn

HST-CN-2024V1.0©Copyright2024 Honor solar