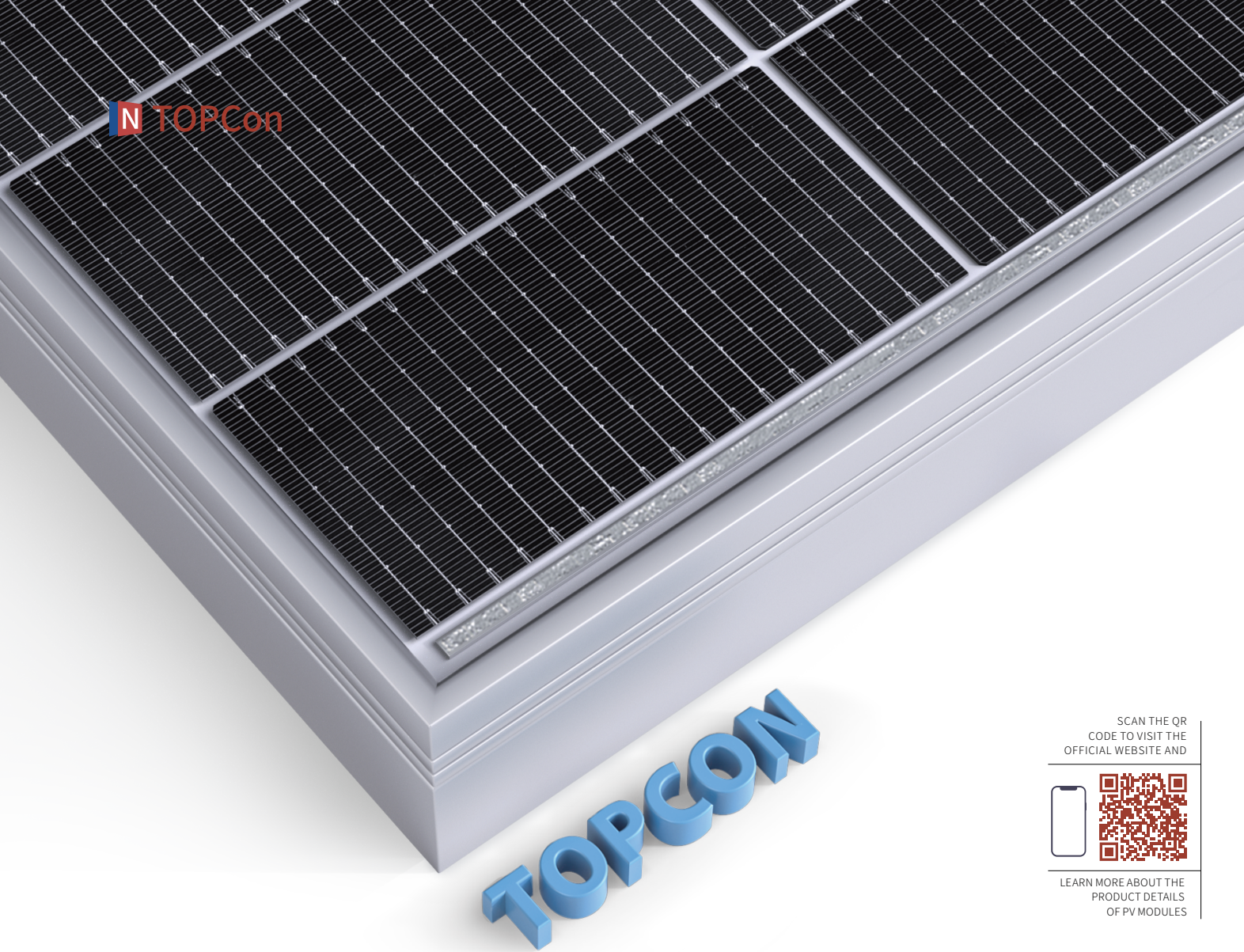
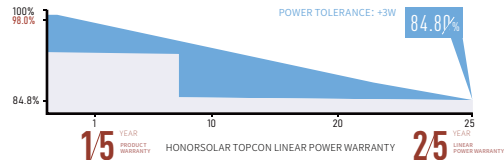




660^W - 680^W HY-M12 132H

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



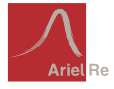
Fire Resistance Class A



Enhanced mechanical load capacity

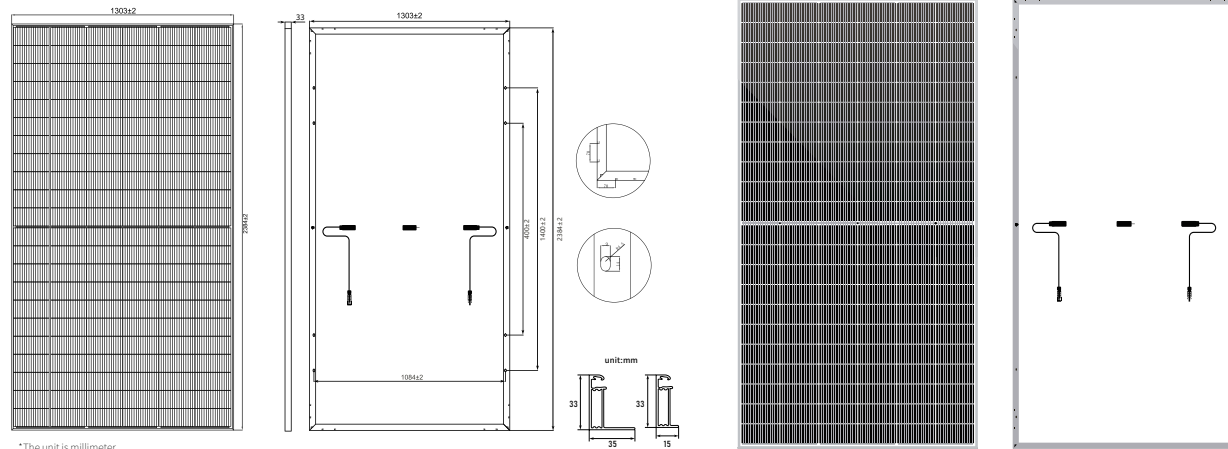


PID resistance



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-660		HY-M12/132H-665		HY-M12/132H-670		HY-M12/132H-675		HY-M12/132H-680	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	660	498	665	502	670	506	675	510	680	514
Maximum Power Voltage-Vmp(V)	38.40	36.3	38.60	36.5	38.80	36.7	39.00	36.9	39.20	37.1
Maximum Power Current-Imp(A)	17.19	13.72	17.23	13.76	17.27	13.80	17.31	13.84	17.35	13.88
Open-Circuit Voltage-Voc(V)	46.30	43.7	46.50	43.9	46.70	44.2	46.90	44.4	47.10	44.6
Short-Circuit Current-Isc(A)	18.09	14.56	18.14	14.61	18.19	14.66	18.24	14.71	18.29	14.75
Module Efficiency-ηm(%)	21.2	/	21.4	/	21.6	/	21.7	/	21.9	/
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	2384x1303x33mm
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

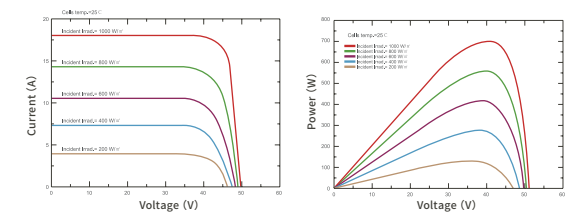
Temperature characteristics

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

	2384x1303x33mm
Container	40'HQ
Module per box	33
Module per 40' Container	594

Current-Voltage & Power-Voltage Curves



Specifications are subject to change without prior notice!

www.honorsolar.cn

sales@honorsolar.cn

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