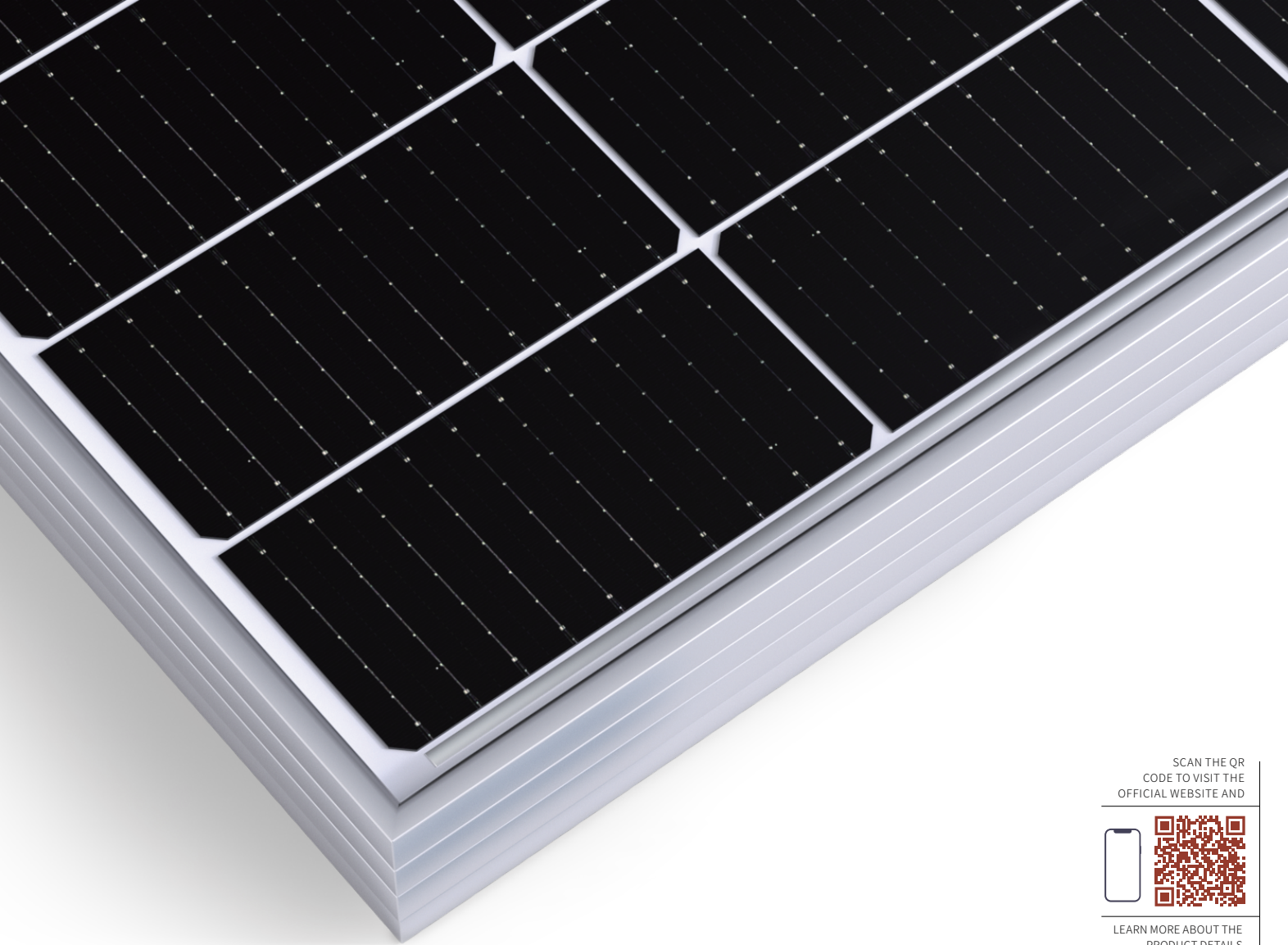




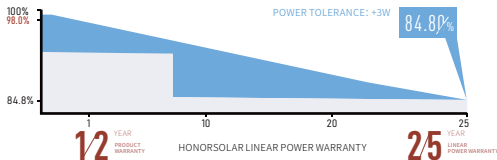
SCAN THE QR
CODE TO VISIT THE
OFFICIAL WEBSITE AND



LEARN MORE ABOUT THE
PRODUCT DETAILS
OF PV MODULES

585^W - 605^W HY-M12 120H

210 mm M BB 120 pcs | Mono-Crystalline Half-Cell Photovoltaic Module



TOPCon
Half-cell TOPCon cells with
super multi-busbar technology

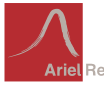
Fire Resistance Class A

**Excellent low-light power
generation performance**

**Enhanced mechanical
load capacity**

**100% TEST
MES**
100% tested with a 25-year
guaranteed system operation

PID
PID resistance



HY-M12/120H

210 mm M BB 120 pcs Mono-Crystalline Half-Cell Photovoltaic Module

Electrical Specification (STC/NOCT)

MODEL	HY-M12/120H-585		HY-M12/120H-590		HY-M12/120H-595		HY-M12/120H-600		HY-M12/120H-605	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	585	443	590	447	595	451	600	454	605	458
Maximum Power Voltage-Vmp(V)	33.8	31.5	34.0	31.7	34.2	31.9	34.4	32.0	34.6	32.2
Maximum Power Current-Imp(A)	17.31	14.05	17.35	14.09	17.40	14.13	17.44	14.18	17.49	14.22
Open-Circuit Voltage-Voc(V)	40.9	38.5	41.1	38.7	41.3	38.9	41.5	39.1	41.7	39.3
Short-Circuit Current-Isc(A)	18.37	14.81	18.42	14.85	18.47	14.88	18.52	14.92	18.57	14.96
Module Efficiency-ηm(%)	20.7	/	20.9	/	21.0	/	21.2	/	21.4	/
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	Mono-Crystalline210mm (6x20pcs)
Dimensions of Module L*W*H	2172x1303x30mm
Weight	30.9kg
Glass	3.2mm Tempered Glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cables	3 diodes , 4.0mm',30cm
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC Compatible

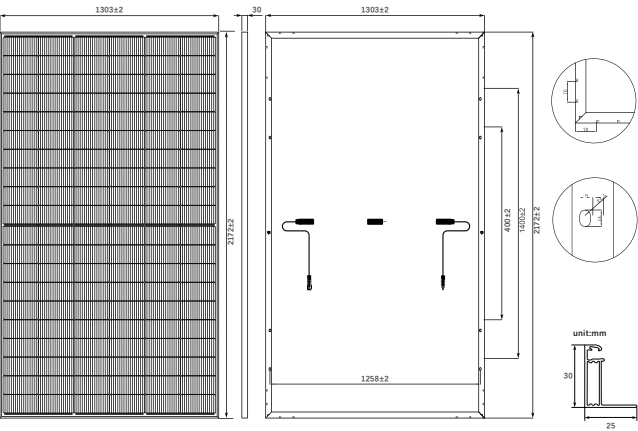
Temperature characteristics

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

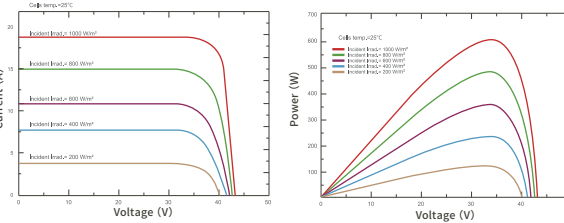
Packaging

	2172x1303x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	666

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



Current-Voltage & Power-Voltage Curves



Specifications are subject to change without prior notice!

www.honorsolar.cn

sales@honorsolar.cn

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