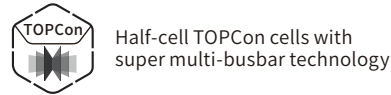
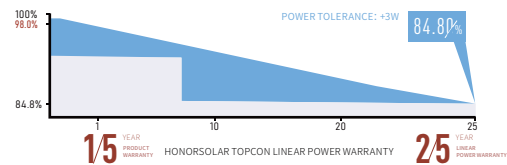




600^W - 635^W HY-M12 120H

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



Half-cell TOPCon cells with super multi-busbar technology



Fire Resistance Class A



Excellent low-light power generation performance



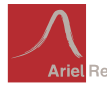
Enhanced mechanical load capacity



100% tested with a 25-year guaranteed system operation



PID resistance



HY-M12/120H

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

Electrical Specification (STC/NOCT)

MODEL	HY-M12/120H-600		HY-M12/120H-605		HY-M12/120H-610		HY-M12/120H-615		HY-M12/120H-620		HY-M12/120H-625		HY-M12/120H-630		HY-M12/120H-635	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	600	453	605	457	610	461	615	465	620	469	625	473	630	476	635	480
Maximum Power Voltage-Vmp(V)	34.80	32.9	35.00	33.2	35.20	33.4	35.50	33.6	35.70	33.8	35.90	33.9	36.10	34.1	36.30	34.3
Maximum Power Current-Imp(A)	17.21	13.73	17.25	13.80	17.29	13.83	17.33	13.86	17.37	13.89	17.41	13.93	17.46	13.96	17.51	13.99
Open-Circuit Voltage-Voc(V)	42.10	39.8	42.30	40.0	42.50	40.2	42.70	40.4	42.90	40.6	43.10	40.8	43.30	41.0	43.50	41.2
Short-Circuit Current-Isc(A)	18.11	14.57	18.16	14.62	18.21	14.67	18.26	14.72	18.31	14.77	18.36	14.81	18.41	14.85	18.46	14.89
Module Efficiency-ηm(%)	21.2	/	21.4	/	21.6	/	21.7	/	21.9	/	22.1	/	22.3	/	22.4	/
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

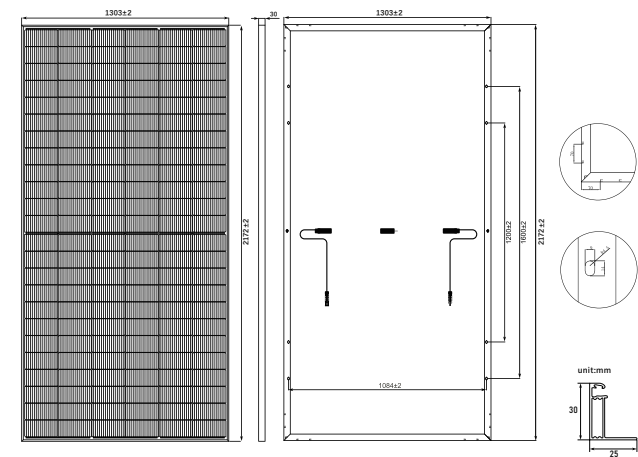
Cell Arrangement	TOPCon Mono-Crystalline 210mm (2x60pcs)
Dimensions of Module L*W*H	2172x1303x30mm
Weight	30.9 kg
Glass	Coated, 3.2mm tempered Glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68
Cables	4.0mm², 30cm(+), 30cm(-), length can be customized
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC4 Compatible

Packaging

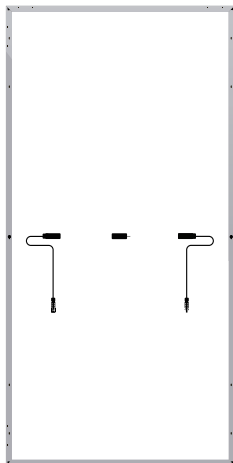
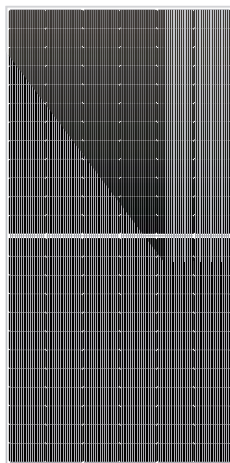
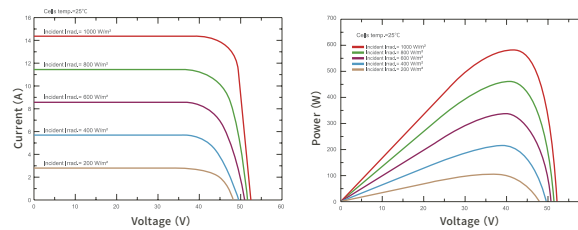
	2172x1303x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	666

*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!

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