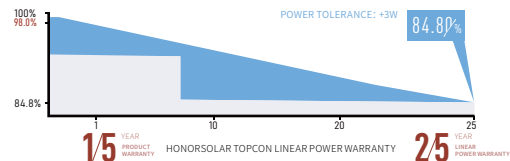




410^W - 440^W HY-M10 108H

182 mm M BB 108 pcs | TOPCon All-Black Mono-Crystalline Half-Cell PV 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-M10/108H

182 mm M BB 108 pcs TOPCon All-Black Mono-Crystalline Half-Cell PV Module

Electrical Specification (STC/NOCT)

MODEL	HY-M10/108H-410		HY-M10/108H-415		HY-M10/108H-420		HY-M10/108H-425		HY-M10/108H-430		HY-M10/108H-435		HY-M10/108H-440	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	410	308	415	312	420	316	425	320	430	323	435	327	440	331
Maximum Power Voltage-Vmp(V)	32.20	29.06	32.39	29.21	32.59	29.34	32.78	29.50	32.98	29.63	33.18	29.76	33.38	29.89
Maximum Power Current-Imp(A)	12.75	10.61	12.83	10.68	12.91	10.76	12.99	10.83	13.06	10.91	13.12	10.98	13.18	11.05
Open-Circuit Voltage-Voc(V)	38.47	35.84	38.67	36.02	38.87	36.20	39.07	36.38	39.26	36.56	39.46	36.74	39.66	36.92
Short-Circuit Current-Isc(A)	13.61	11.23	13.69	11.29	13.78	11.36	13.86	11.42	13.94	11.49	14.01	11.56	14.08	11.63
Module Efficiency-ηm(%)	21.00	/	21.3	/	21.5	/	21.8	/	22.0	/	22.3	/	22.5	/
Power Tolerance(W)	(0,+5W)													
Maximum System Voltage(V)	1500Vdc (IEC / UL)													
Max Series Fuse Rating(A)	25A													

*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 182mm(2x54pcs)
Dimensions of Module L*W*H	1722x1134x30mm
Weight	20.4 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

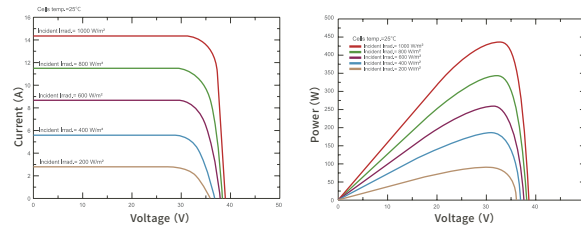
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	45±2 C
Temperature Coefficient of Pmax	-0.290% C
Temperature Coefficient of Voc	-0.250% C
Temperature Coefficient of Isc	+0.045% C
Operational Temperature	-40~+85 C

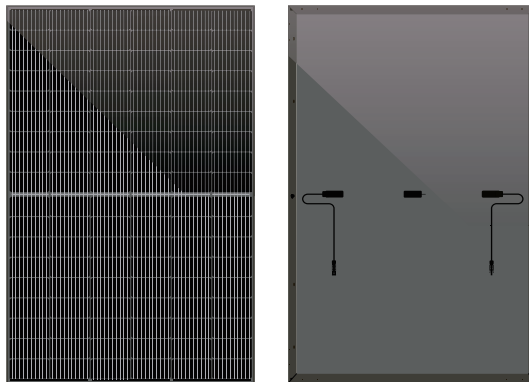
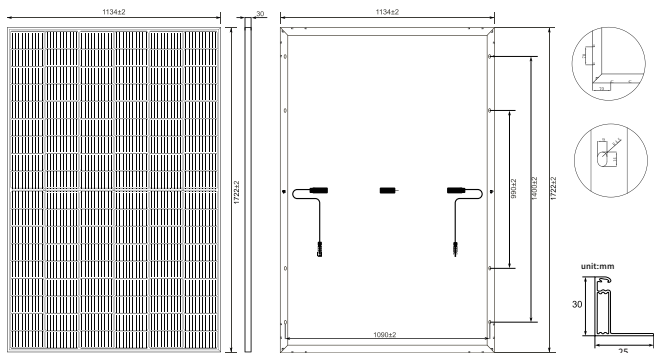
Packaging

	1722x1134x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	962

Current-Voltage & Power-Voltage Curves



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



Specifications are subject to change without prior notice!

 www.honorsolar.cn

 sales@honorsolar.cn

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