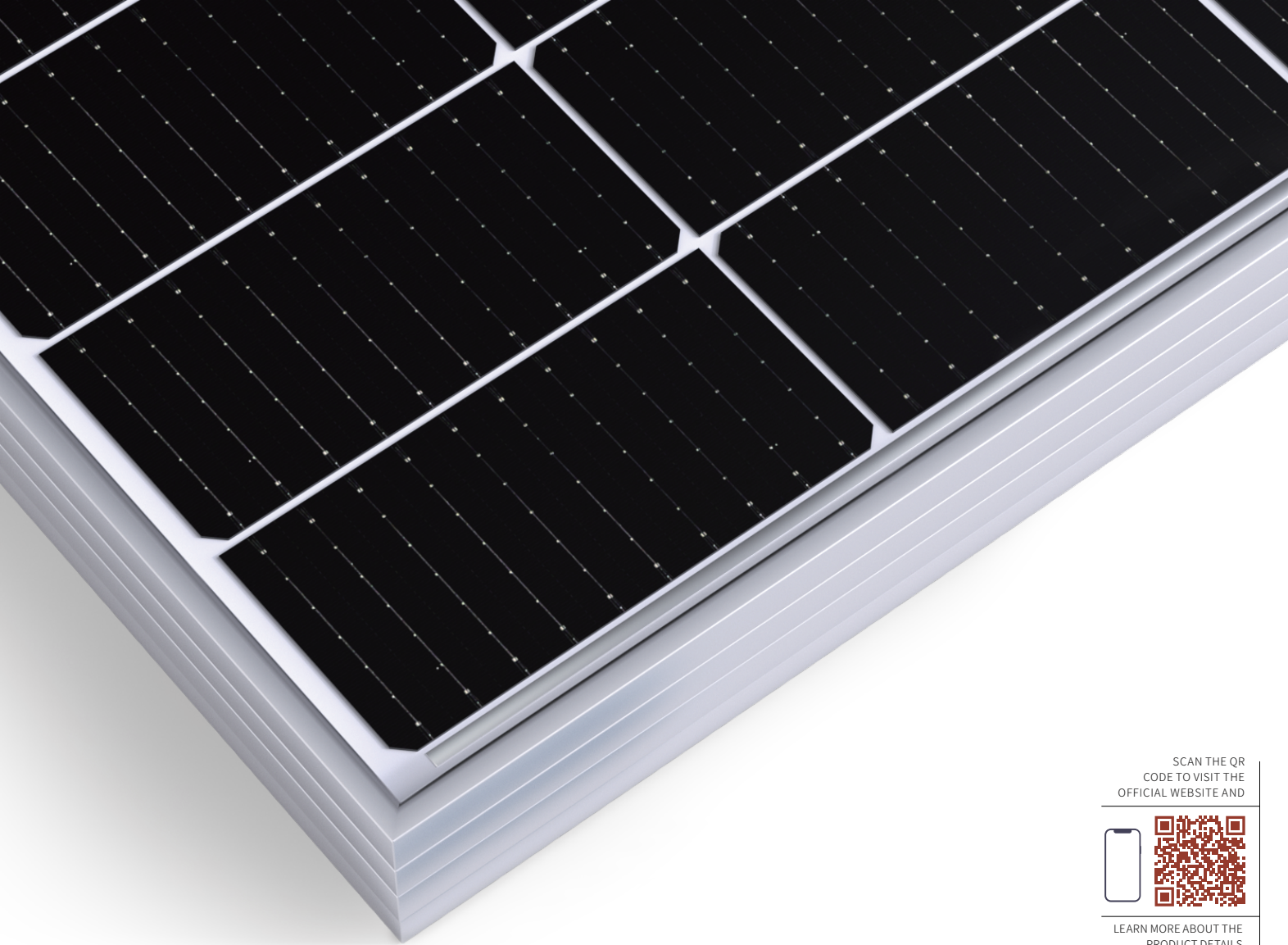




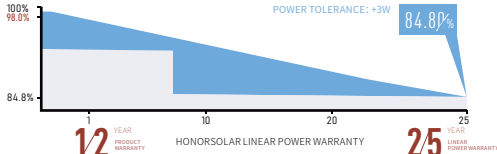
SCAN THE QR
CODE TO VISIT THE
OFFICIAL WEBSITE AND



LEARN MORE ABOUT THE
PRODUCT DETAILS
OF PV MODULES

435^W - 460^W HY-M10 120H

182 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-M10/120H
182 mm M BB 120 pcs Mono-Crystalline Half-Cell Photovoltaic Module

Electrical Specification (STC/NOCT)

MODEL	HY-M10/120H-435		HY-M10/120H-440		HY-M10/120H-445		HY-M10/120H-450		HY-M10/120H-455		HY-M10/120H-460	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	435	323	440	327	445	331	450	335	455	339	460	343
Maximum Power Voltage-Vmp(V)	33.63	31.78	33.72	31.83	33.82	31.87	33.91	31.92	34.06	31.97	34.20	32.02
Maximum Power Current-Imp(A)	12.93	10.19	13.05	10.29	13.16	10.39	13.27	10.49	13.36	10.60	13.45	10.71
Open-Circuit Voltage-Voc(V)	40.94	39.06	41.02	39.12	41.10	39.17	41.18	39.23	41.33	39.29	41.48	39.35
Short-Circuit Current-Isc(A)	13.68	10.83	13.73	10.94	13.79	11.04	13.85	11.15	13.93	11.26	14.01	11.37
Module Efficiency-ηm(%)	20.2	/	20.4	/	20.6	/	20.8	/	21.0	/	21.3	/
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					

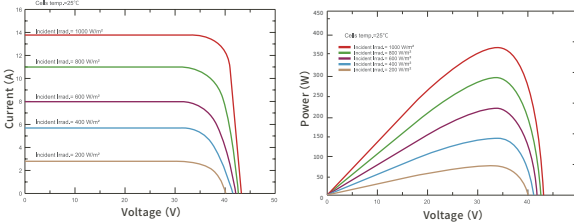
Structural Performance

Cell Arrangement	Mono-Crystalline 182mm (6x20pcs)
Dimensions of Module L*W*H	1903x1134x30mm
Weight	22.5kg
Glass	3.2mm Tempered Glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cables	3 diodes , 4.0mm ² ,120cm
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC Compatibl

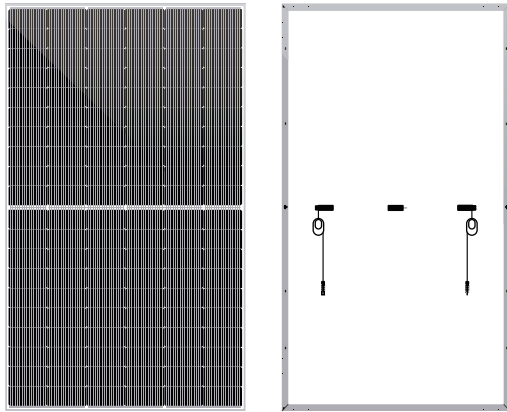
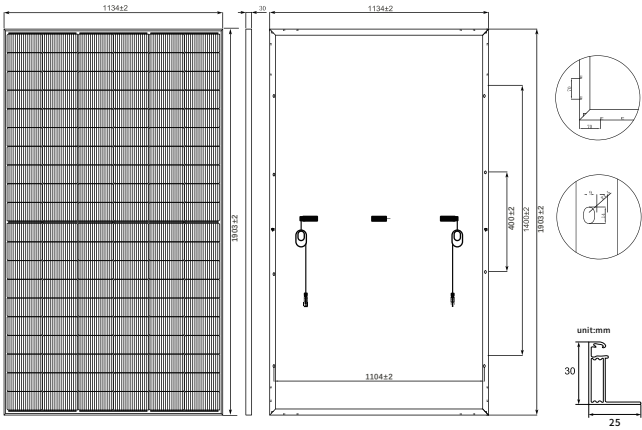
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temperature Coefficient of Pmax	-0.350%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Isc	+0.048%/°C
Operational Temperature	-40~+85°C

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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