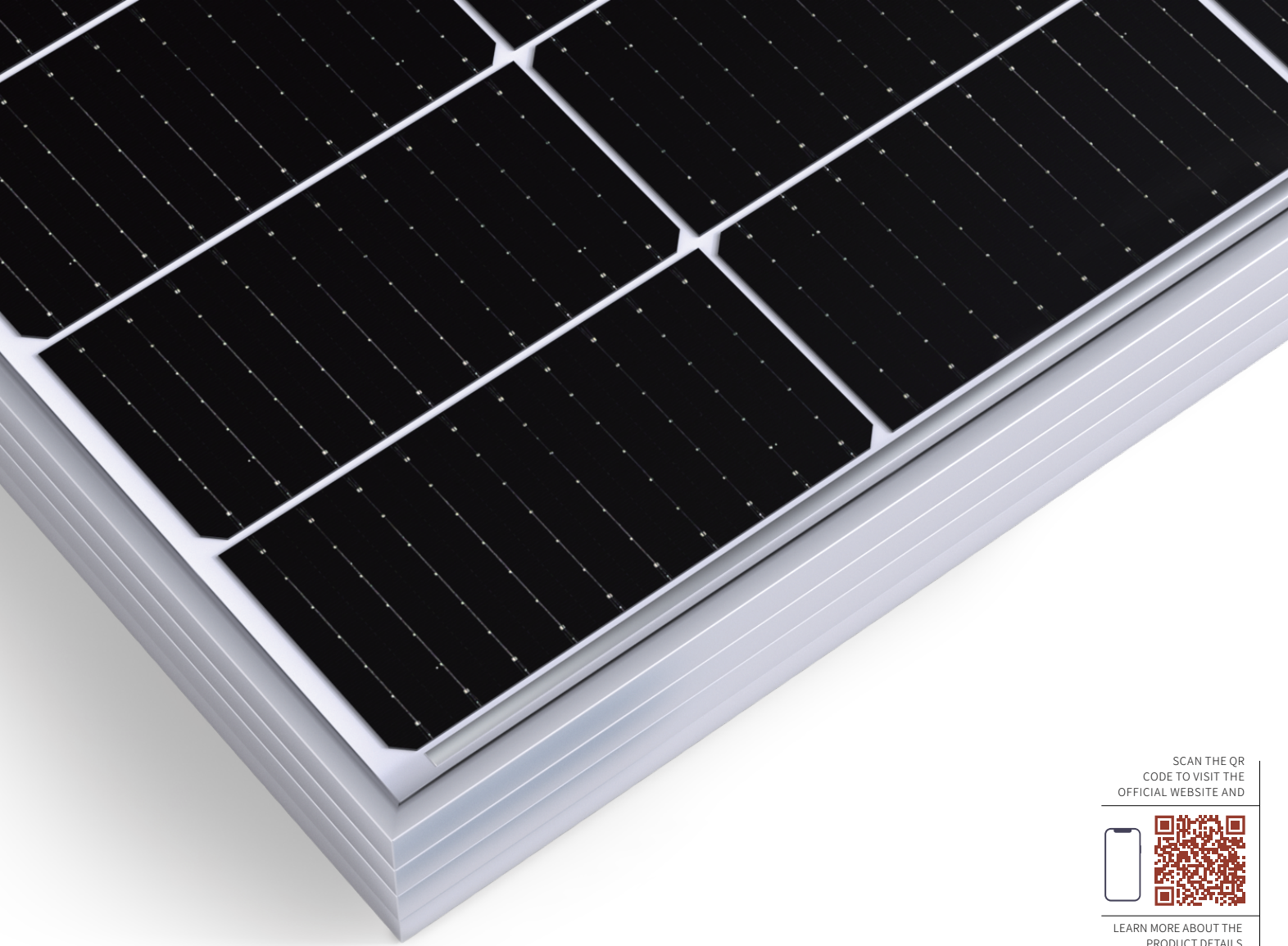




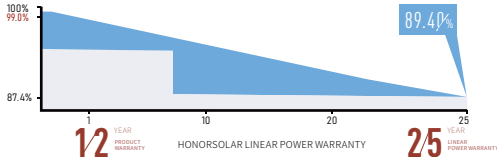
SCAN THE QR
CODE TO VISIT THE
OFFICIAL WEBSITE AND



LEARN MORE ABOUT THE
PRODUCT DETAILS
OF PV MODULES

535^W - 555^W HY-M12 110H

210 mm 10 BB 110 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-M12/110H

210 mm 10 BB 110 pcs Mono-Crystalline Half-Cell Photovoltaic Module

Electrical Specification (STC/NOCT)

MODEL	HY535-M12/110H		HY540-M12/110H		HY545-M12/110H		HY550-M12/110H		HY555-M12/110H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	535	405	540	409	545	413	550	417	555	420
Maximum Power Voltage-Vmp(V)	31.0	28.8	31.2	29.0	31.4	29.2	31.6	29.4	31.8	29.5
Maximum Power Current-Imp(A)	17.28	14.06	17.33	14.10	17.37	14.15	17.40	14.19	17.45	14.23
Open-Circuit Voltage-Voc(V)	37.3	35.1	37.5	35.3	37.7	35.5	37.9	35.7	38.1	35.9
Short-Circuit Current-Isc(A)	18.36	14.80	18.41	14.84	18.47	14.88	18.52	14.92	18.56	14.96
Module Efficiency-ηm(%)	20.5	/	20.7	/	20.9	/	21.0	/	21.2	/
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	单晶210mm (5x22片)
Dimensions of Module L*W*H	2284x1096x35mm
Weight	28.6kg
Glass	3.2mm 钢化玻璃
Frame	阳极氧化铝合金
Junction Box	IP68
Cables	3个二极管, 4.0mm², 导线长度:正负极各 30cm
Mechanical Load	正面最大 5400Pa, 背面最大 2400Pa
Connector	MC 兼容

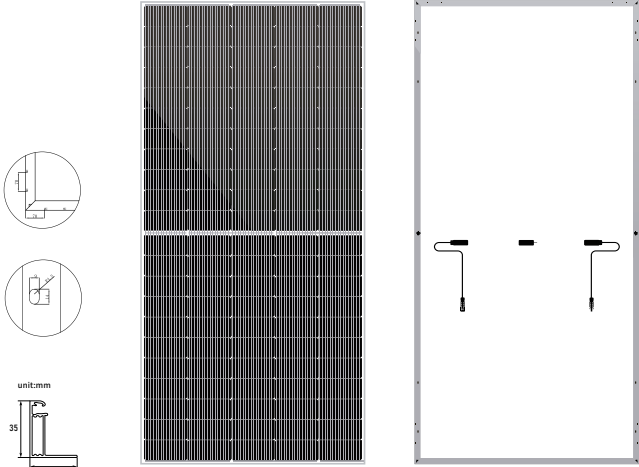
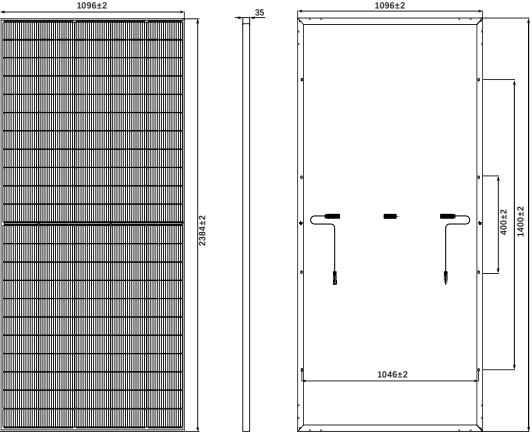
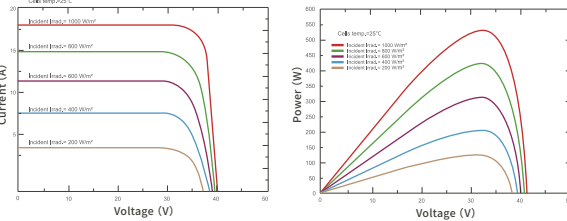
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	43±2℃
Temperature Coefficient of Pmax	-0.340%/℃
Temperature Coefficient of Voc	-0.250%/℃
Temperature Coefficient of Isc	+0.040%/℃
Operational Temperature	-40~+85℃

Packaging

	2384x1096x35mm
Container	40'HQ
Module per box	30
Module per 40' Container	600

*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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