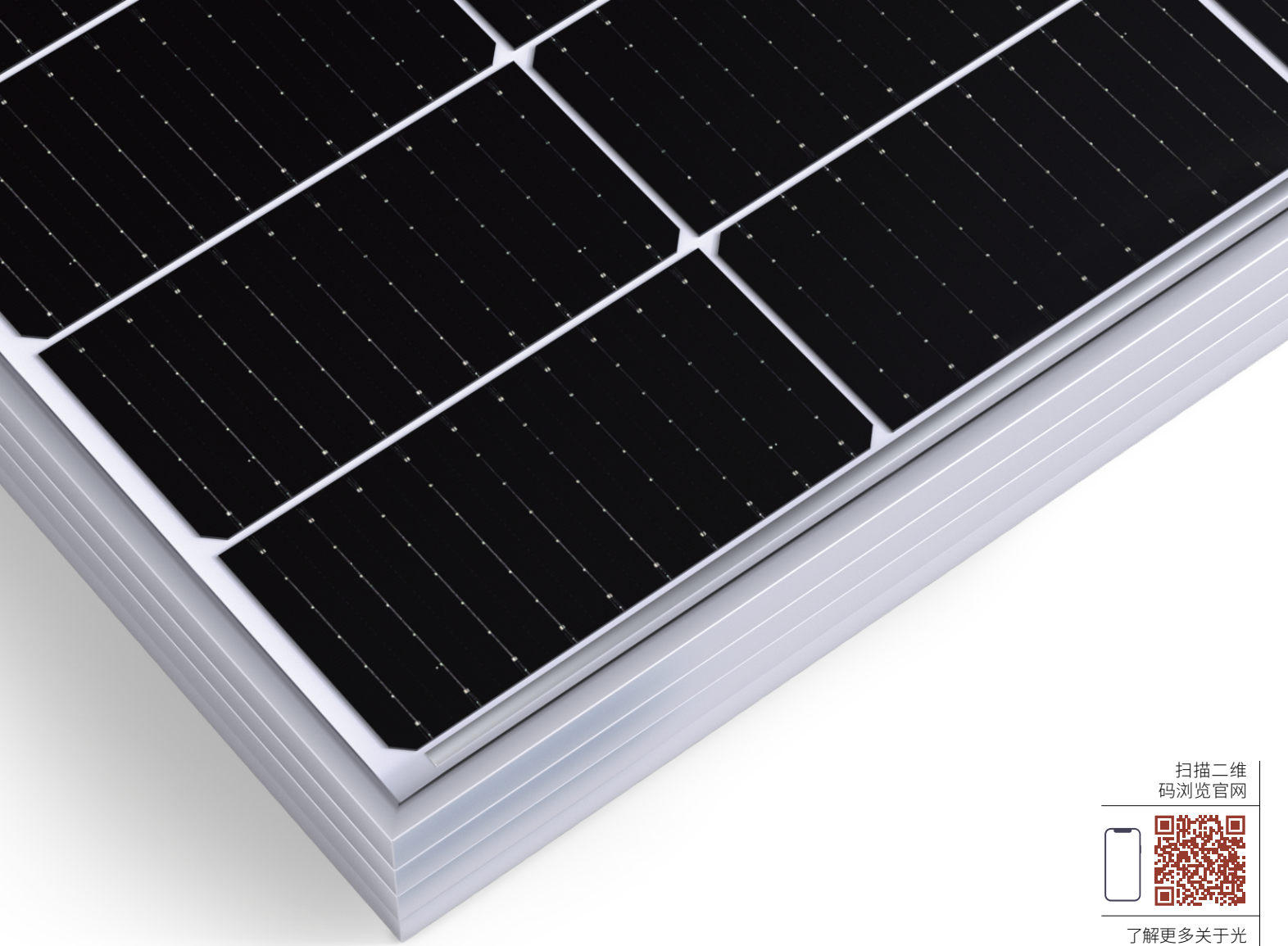


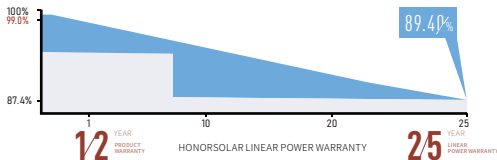


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了解更多关于光
伏组件的产品细节

555^W - 580^W HY-M10144H

182 mm 16/18 BB 144 pcs | 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-M10/144H

182 mm 16/18 BB 144 pcs Mono-Crystalline Half-Cell Photovoltaic Module

Electrical Specification (STC/NOCT)

MODEL	HY555-M10/144H		HY560-M10/144H		HY565-M10/144H		HY570-M10/144H		HY575-M10/144H		HY580-M10/144H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	555	417	560	421	565	425	570	429	575	433	580	437
Maximum Power Voltage-Vmp(V)	41.79	39.19	41.95	39.28	42.14	39.38	42.29	39.51	42.44	39.64	42.59	39.77
Maximum Power Current-Imp(A)	13.28	10.64	13.35	10.71	13.41	10.79	13.48	10.85	13.55	10.92	13.62	10.97
Open-Circuit Voltage-Voc(V)	50.47	47.78	50.67	47.92	50.87	48.06	51.07	48.20	51.27	48.34	51.47	48.48
Short-Circuit Current-Isc(A)	14.07	11.35	14.13	11.42	14.19	11.49	14.25	11.55	14.31	11.62	14.37	11.69
Module Efficiency-ηm(%)	21.5	/	21.7	/	21.9	/	22.1	/	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	Mono-Crystalline182mm (6x24pcs)
Dimensions of Module L*W*H	2278x1134x30mm
Weight	26.9kg
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 Compatible

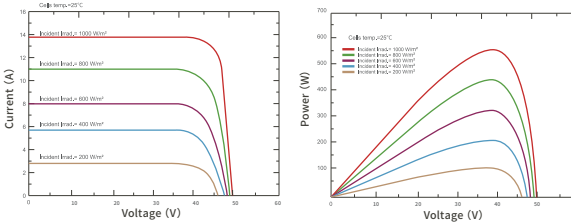
Temperature characteristics

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

Packaging

	2278x1134x30mm
Container	40'HQ
Module per box	36
Module per 40' Container	720

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.

