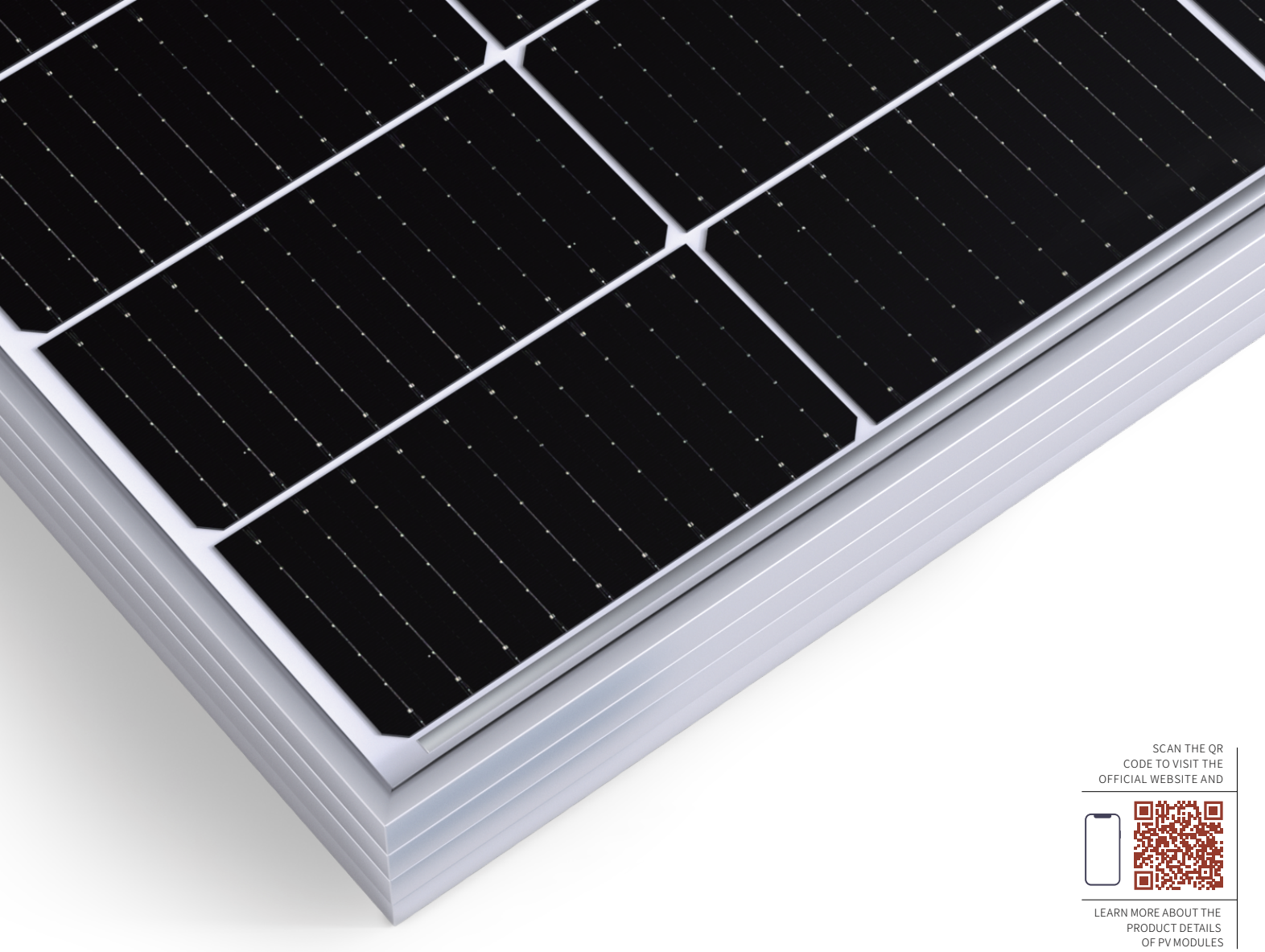




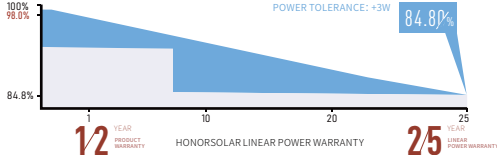
SCAN THE QR
CODE TO VISIT THE
OFFICIAL WEBSITE AND



LEARN MORE ABOUT THE
PRODUCT DETAILS
OF PV MODULES

530^W - 555^W HY-M10 144H

182 mm 9 BB 144 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-M10/144H
182 mm M BB 144 pcs Mono-Crystalline Half-Cell Photovoltaic Module

Electrical Specification (STC/NOCT)

MODEL	HY-M10/144H-530		HY-M10/144H-535		HY-M10/144H-540		HY-M10/144H-545		HY-M10/144H-550		HY-M10/144H-555	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output-Pmax(W)	530	394	535	398	540	402	545	406	550	410	555	414
Maximum Power Voltage-Vmp(V)	40.74	37.92	40.88	38.05	41.01	38.19	41.15	38.32	41.28	38.46	41.41	38.59
Maximum Power Current-Imp(A)	13.01	10.40	13.09	10.46	13.17	10.52	13.24	10.58	13.32	10.64	13.39	10.72
Open-Circuit Voltage-Voc(V)	49.26	46.50	49.40	46.63	49.53	46.75	49.67	46.88	49.80	47.00	49.93	47.12
Short-Circuit Current-Isc(A)	13.69	11.06	13.77	11.12	13.85	11.19	13.93	11.25	14.01	11.32	14.09	11.39
Module Efficiency-ηm(%)	20.5	/	20.7	/	20.9	/	21.1	/	21.3	/	21.5	/
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					

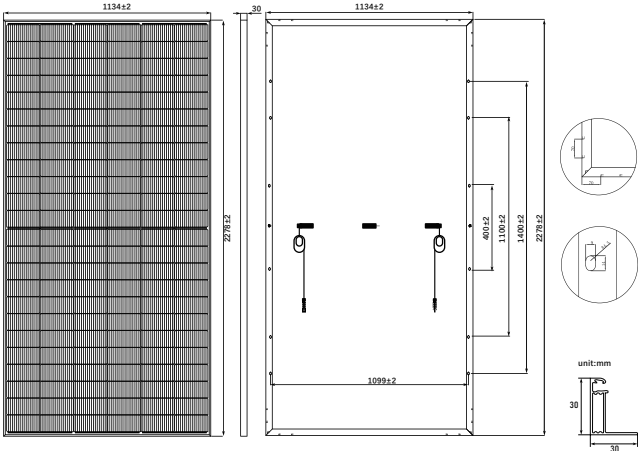
Structural Performance

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',230cm
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC Compatible

Packaging

	2278x1134x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	740

*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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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

