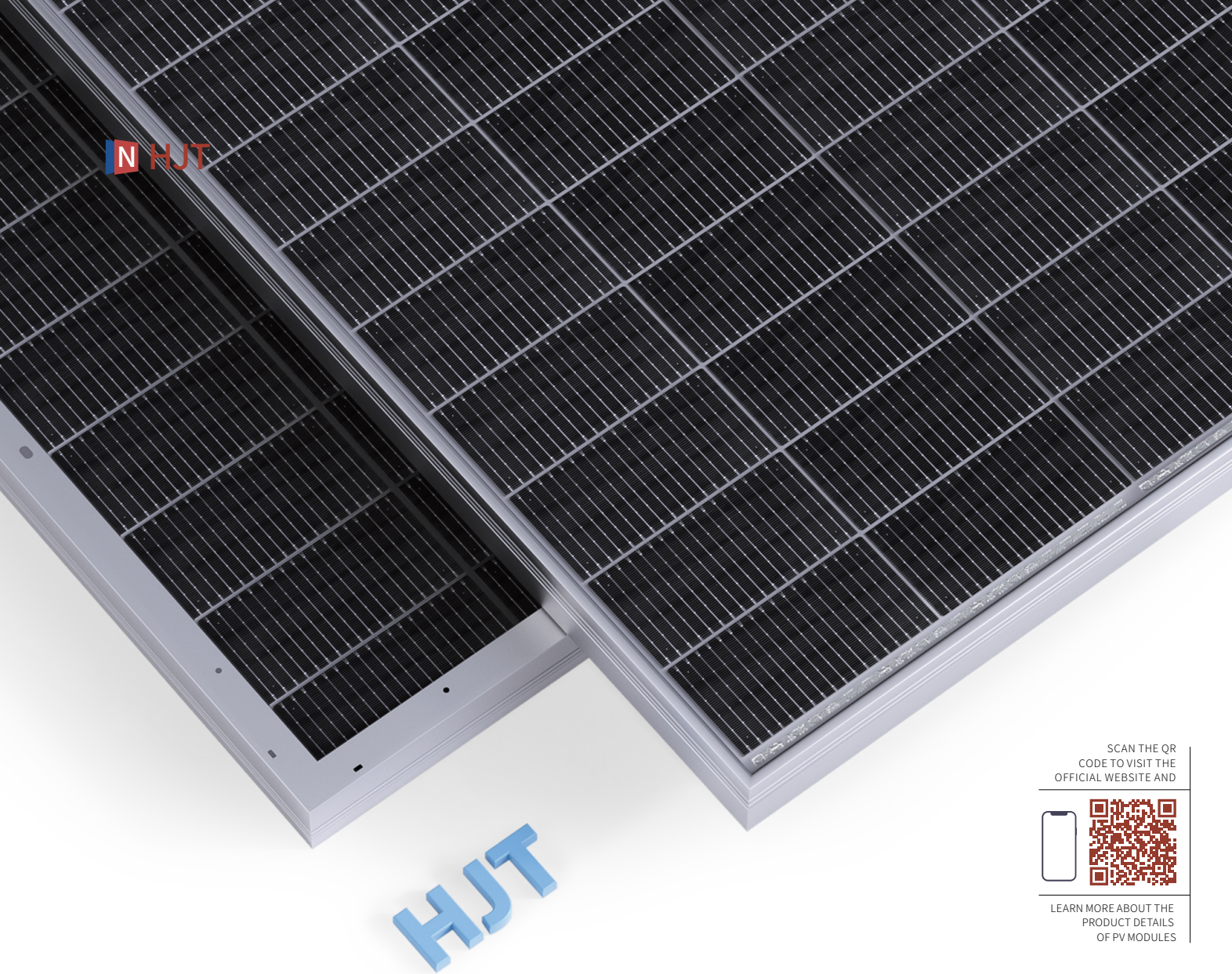
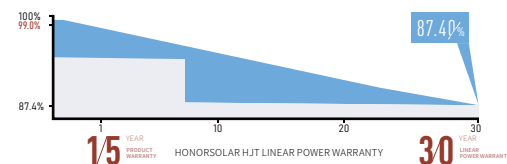




640^W - 670^W HY-M12 120G

210 mm 120 pcs | HJT Double Glass Bifacial Mono-Crystalline Half-Cell PV Module



Half-cell HJT cells with super multi-busbar technology

PID resistance

Excellent low-light power generation performance

Enhanced mechanical load capacity

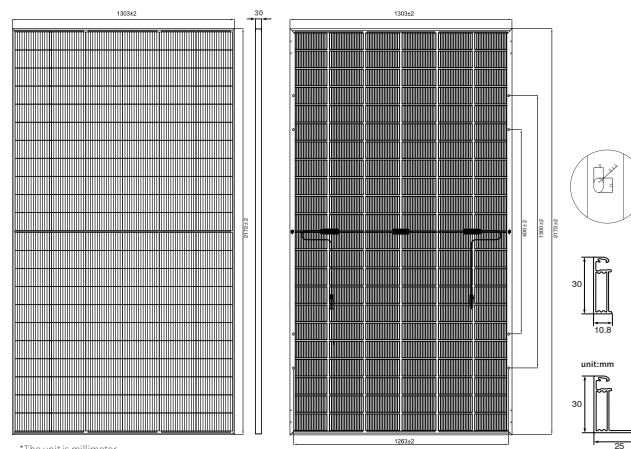
100% tested with a 30-year guaranteed system operation

High conversion efficiency on both sides

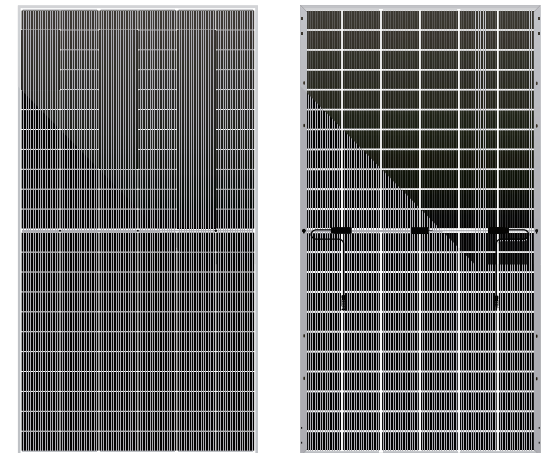


HY-M12/120G

210 mm 120 pcs HJT Double Glass Bifacial Mono-Crystalline Half-Cell PV Module



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



Electrical Specification (STC/BSTC)

MODEL	HY-M12/120G-640		HY-M12/120G-645		HY-M12/120G-650		HY-M12/120G-655		HY-M12/120G-660		HY-M12/120G-665		HY-M12/120G-670	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Power Output-Pmax(W)	640	705	645	710	650	715	655	720	660	725	665	730	670	735
Maximum Power Voltage-Vmp(V)	39.37	39.37	39.48	39.44	39.60	39.51	39.72	39.58	39.84	39.45	39.96	39.72	40.08	39.79
Maximum Power Current-Imp(A)	16.27	17.95	16.34	18.02	16.42	18.11	16.50	18.20	16.58	18.29	16.66	18.38	16.74	18.47
Open-Circuit Voltage-Voc(V)	44.76	44.76	44.82	44.82	44.88	44.88	44.94	44.94	45.00	45.00	45.06	45.06	45.12	45.12
Short-Circuit Current-Isc(A)	17.33	19.11	17.42	19.21	17.53	19.34	17.64	19.47	17.75	19.60	17.86	19.73	17.97	19.86
Module Efficiency-ηm(%)	22.6	/	22.8	/	23.0	/	23.1	/	23.3	/	23.5	/	23.7	/
Power Tolerance(W)	(0,+5W)													
Maximum System Voltage(V)	1500Vdc (IEC / UL)													
Max Series Fuse Rating(A)	35A													

*Standard Test Conditions (STC): Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM 1.5 *BSTC Testing Conditions: Front irradiation 1000W/m², Back reflection irradiation 135W/m², AM1.5, Ambient temperature 25°C

Structural Performance

Cell Arrangement	HJT Mono-Crystalline 210mm (2x60pcs)
Dimensions of Module L*W*H	2172x1303x30mm
Weight	35.3 kg
Glass	Coated, 2+2mm tempered Glass
Frame	Anodized aluminium alloy
Junction Box	3 diodes, IP68, IEC 62790
Cables	4.0mm², 30 cm, EN 50618, length can be customized
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC4 Compatible

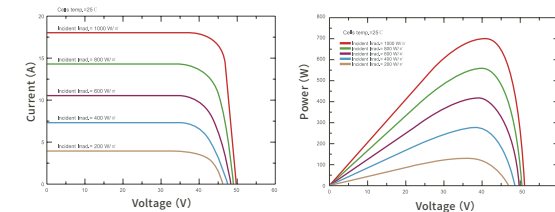
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	43±3°C
Temperature Coefficient of Pmax	-0.243%/°C
Temperature Coefficient of Voc	-0.223%/°C
Temperature Coefficient of Isc	+0.026%/°C
Operational Temperature	-40~+85°C

Packaging

	2172x1303x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	666

Current-Voltage & Power-Voltage Curves



Specifications are subject to change without prior notice!

www.honorsolar.cn

sales@honorsolar.cn

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