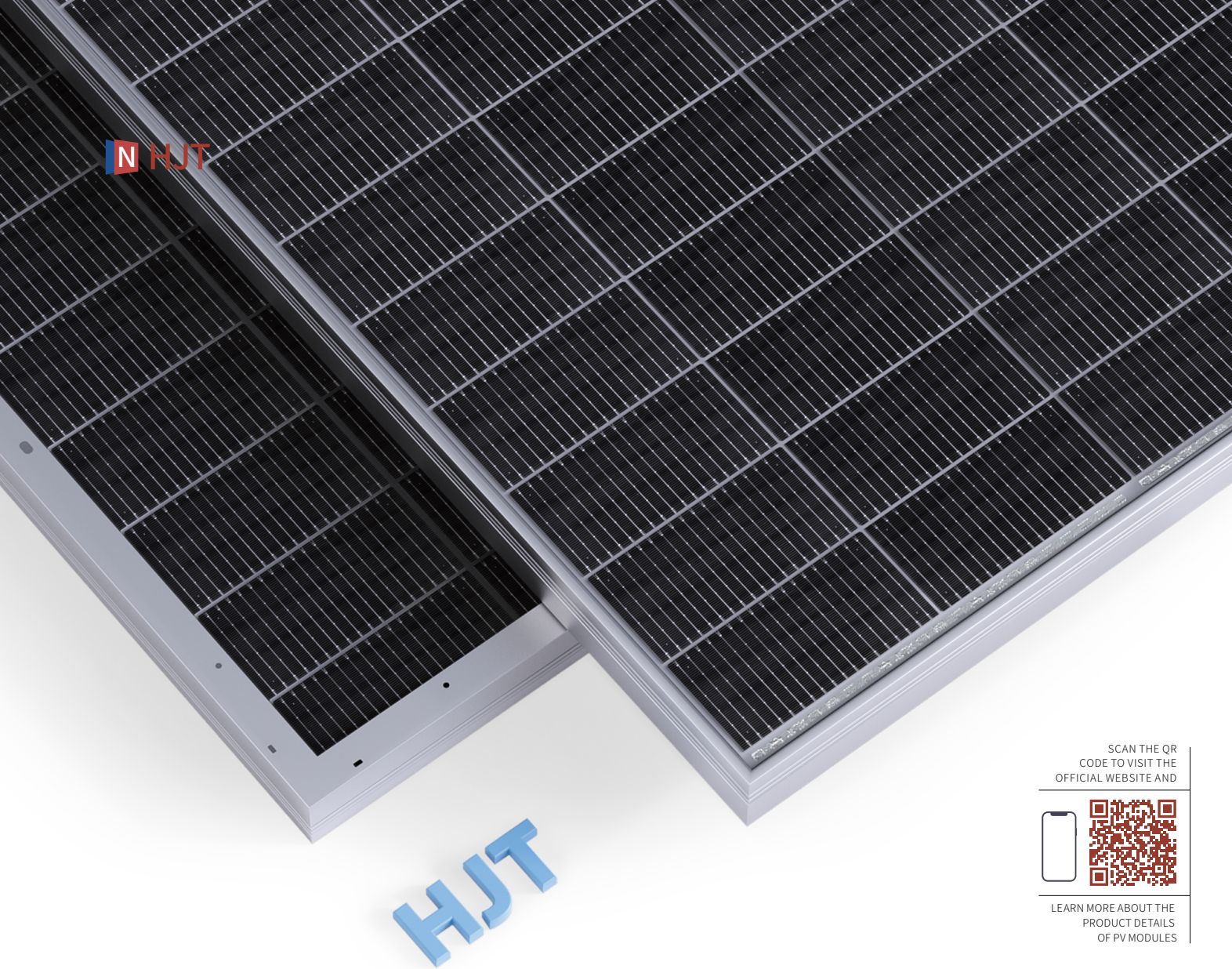
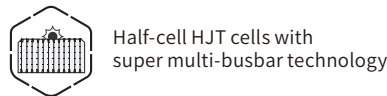
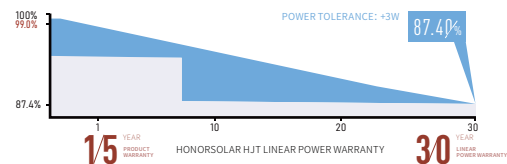




695^W - 730^W HY-M12 132G

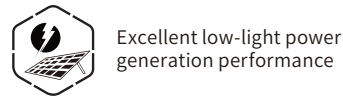
210 mm 132 pcs | HJT Double Glass Bifacial Mono-Crystalline Half-Cell PV Module



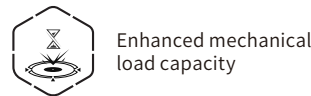
Half-cell HJT cells with super multi-busbar technology



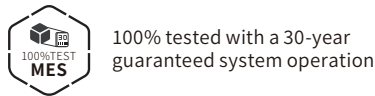
PID resistance



Excellent low-light power generation performance



Enhanced mechanical load capacity



100% tested with a 30-year guaranteed system operation

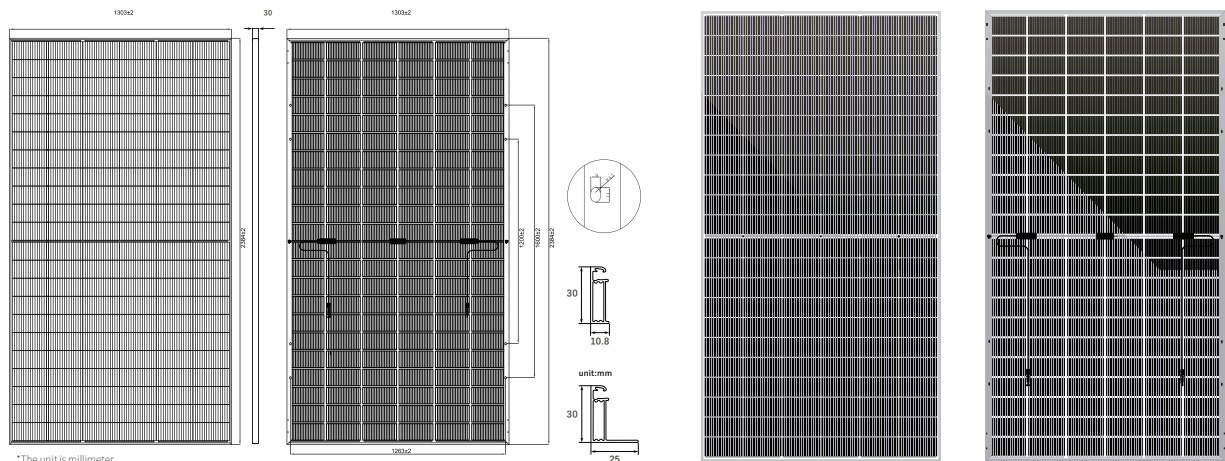


High conversion efficiency on both sides



HY-M12/132G

210 mm 132 pcs HJT Double Glass Bifacial Mono-Crystalline Half-Cell PV Module



Electrical Specification (STC/BSTC)

MODEL	HY-M12/132G-695		HY-M12/132G-700		HY-M12/132G-705		HY-M12/132G-710		HY-M12/132G-715		HY-M12/132G-720		HY-M12/132G-725		HY-M12/132G-730	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Power Output-Pmax(W)	695	750.6	700	756	705	761.4	710	766.8	715	772.2	720	777.6	725	783	730	788.4
Maximum Power Voltage-Vmp(V)	39.80	39.80	40.00	40.00	40.2	40.2	40.4	40.4	40.6	40.6	40.8	40.8	41	41	41.2	41.2
Maximum Power Current-Imp(A)	17.47	18.87	17.51	18.92	17.55	18.97	17.59	19.02	17.63	19.07	17.67	19.12	17.71	19.17	17.75	19.22
Open-Circuit Voltage-Voc(V)	47.70	47.70	47.90	47.90	48.09	48.09	48.28	48.28	48.47	48.47	48.65	48.65	48.83	48.83	49.01	49.01
Short-Circuit Current-Isc(A)	18.44	20.21	18.49	20.26	18.54	20.31	18.59	20.36	18.64	20.41	18.69	20.46	18.74	20.51	18.79	20.56
Module Efficiency-ηm(%)	22.4	/	22.5	/	22.7	/	22.9	/	23.0	/	23.2	/	23.3	/	23.5	/
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 (2x66pcs)
Dimensions of Module L*W*H	2384x1303x30mm
Weight	38.7 kg
Glass	Coated, 2+2mm tempered Glass
Frame	Anodized aluminium alloy
Junction Box	3 diodes, IP68, IEC 62790
Cables	4.0mm ² , 30cm, EN 50618, length can be customized
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC4 Compatible

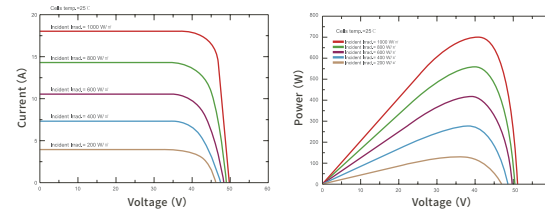
Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	44±2°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

	2384x1303x30mm
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!

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