



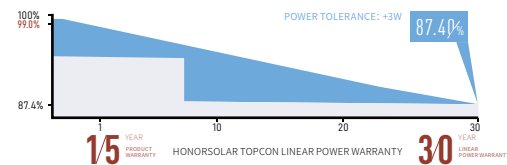
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CODE TO VISIT THE
OFFICIAL WEBSITE AND



LEARN MORE ABOUT THE
PRODUCT DETAILS
OF PV MODULES

675^W - 700^W HY-M12 132G

210 mm M BB 132 pcs | TOPCon Double Glass Bifacial Mono Half-Cell PV Module



Half-cell TOPCon cells with
super multi-busbar technology



Excellent low-light power
generation performance



100% tested with a 30-year
guaranteed system operation



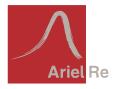
PID resistance



Enhanced mechanical
load capacity

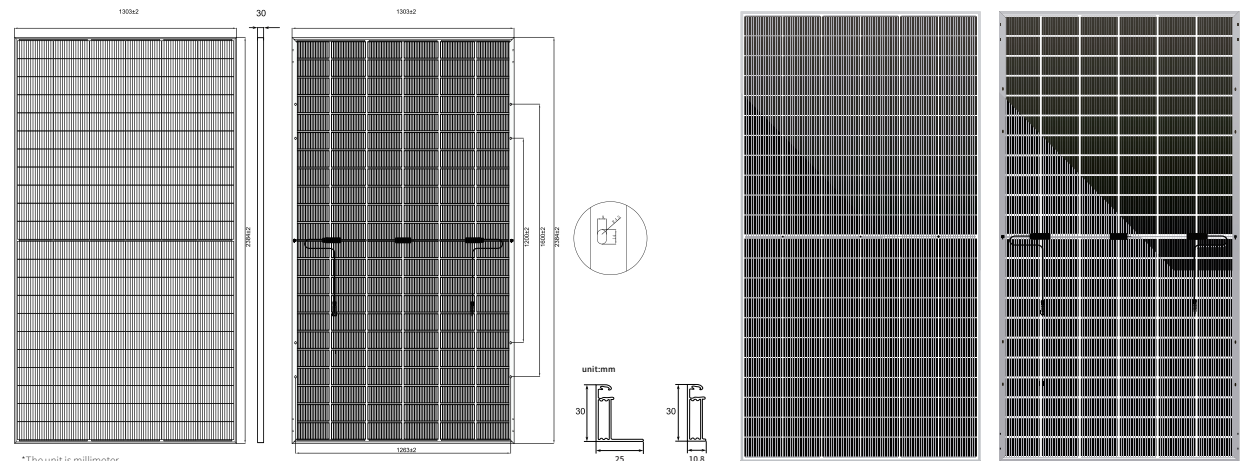


High conversion efficiency on
both sides



HY-M12/132G

210 mm M BB 132 pcs TOPCon Double Glass Bifacial Mono 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-M12/132G-675		HY-M12/132G-680		HY-M12/132G-685		HY-M12/132G-690		HY-M12/132G-695		HY-M12/132G-700	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Power Output-Pmax(W)	675	729	680	734.4	685	739.8	690	745.2	695	750.6	700	756
Maximum Power Voltage-Vmp(V)	39.00	39.00	39.20	39.20	39.40	39.40	39.60	39.60	39.80	39.80	40.00	40.00
Maximum Power Current-Imp(A)	17.31	18.69	17.35	18.74	17.39	18.78	17.43	18.82	17.47	18.87	17.51	18.92
Open-Circuit Voltage-Voc(V)	46.90	46.90	47.10	47.10	47.30	47.30	47.50	47.50	47.70	47.70	47.90	47.90
Short-Circuit Current-Isc(A)	18.24	20.00	18.29	20.05	18.34	20.11	18.39	20.16	18.44	20.21	18.49	20.26
Module Efficiency-ηm(%)	21.7	/	21.9	/	22.1	/	22.2	/	22.4	/	22.5	/
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	TOPCon Mono-Crystalline 210mm (2x66pcs)
Dimensions of Module L*W*H	2384x1303x30mm
Weight	38.7 kg
Glass	Coated, 2+2mm tempered Glass, low Iron
Frame	Anodized aluminium alloy
Junction Box	IP68
Cables	4.0mm ² , 30cm(+), 30cm(-), length can be customized
Mechanical Load	Front Side Max.5400Pa, Rear Side Max.2400Pa
Connector	MC4 Compatible

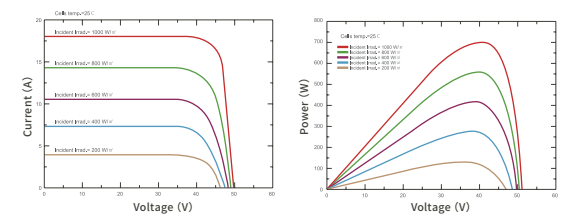
Packaging

	2384x1303x30mm
Container	40'HQ
Module per box	37
Module per 40' Container	666

Temperature characteristics

Nominal Operating Cell Temperature (NOCT)	44±2 C
Temperature Coefficient of Pmax	-0.270% C
Temperature Coefficient of Voc	-0.250% C
Temperature Coefficient of Isc	+0.040% C
Operational Temperature	-40~+85 C

Current-Voltage & Power-Voltage Curves



Specifications are subject to change without prior notice!

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