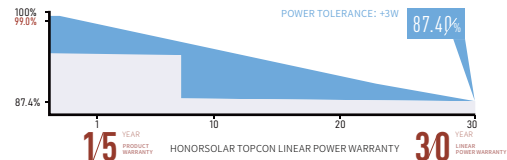




675^W - 700^W HY-M12 132G

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



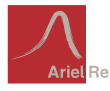
PID resistance



Enhanced mechanical load capacity

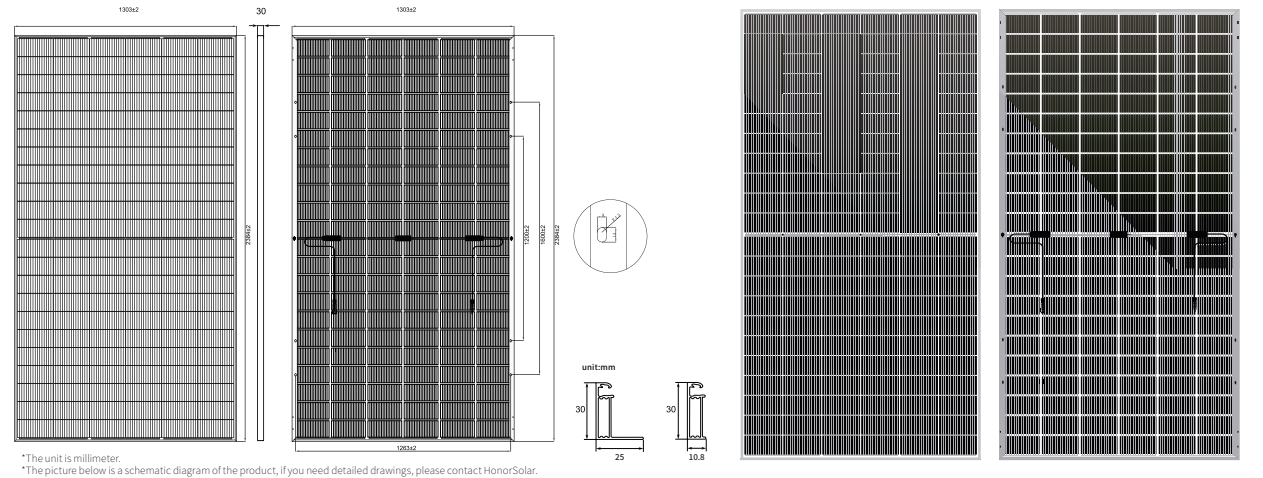


High conversion efficiency on both sides



HY-M12/132G

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



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

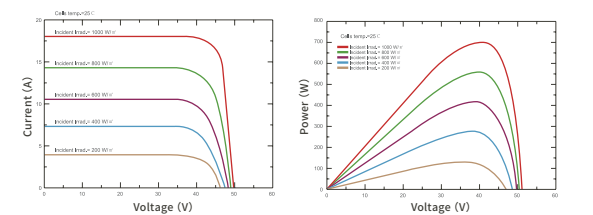
Temperature characteristics

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

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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