

680-700W

HJT MBB Half-cut Bifacial
Dual-Glass Module



ELECTRICAL PARAMETERS @ STC

	680	685	690	695	700
Max. Power Output Pmax (W)	680	685	690	695	700
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Max. Power Voltage Vmp (V)	42.08	42.32	42.55	42.77	43.00
Max. Power Current Imp (A)	16.16	16.19	16.22	16.25	16.28
Open Circuit Voltage Voc (V)	49.51	49.71	49.91	50.11	50.31
Short Circuit Current Isc (A)	17.13	17.15	17.17	17.19	17.21
Module Efficiency (%)	21.89	22.06	22.22	22.37	22.54

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5
*Measurement Tolerance (±3.0%)

Inegrated Power @ STC (Refrence to 690W front)

Power Gains	5%	10%	15%	20%	25%
Max. Power Output Pmax (W)	725	759	792	826	861
Max. Power Voltage Vmp (V)	42.55	42.55	42.45	42.45	42.45
Max. Power Current Imp (A)	17.03	17.84	18.65	19.46	20.28
Open Circuit Voltage Voc (V)	49.91	49.91	50.01	50.01	50.01
Short Circuit Current Isc (A)	18.03	18.89	19.75	20.60	21.46

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.24%/ °C
Temperature Coefficients of Voc	-0.22%/ °C
Temperature Coefficients of Isc	+0.047%/ °C

MECHANICAL PARAMETERS

Cell Type	HJT 210x105mm
Number of Cells	132pcs(6x22)
Dimensions (L*W*H)	2384x1303x33mm
Weight	38.3kg
Frame	Anodised Aluminum
Junction Box	IP68, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm

OPERATING CONDITION

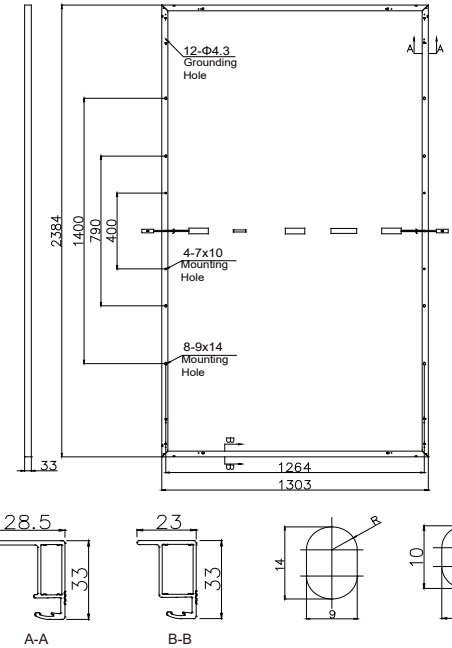
Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(Pa)	2400/5400
Max. Series Fuse Rating(A)	35
Fire Rating	Class A
Bifaciality	90±5%

PACKAGE INFORMATION

Container 40'HQ	594pcs
Quantity / Pallet	33pcs
Package size: 1310×1144×2520mm;	Net weight: 1263.9kg; Gross weight: 1307.4kg

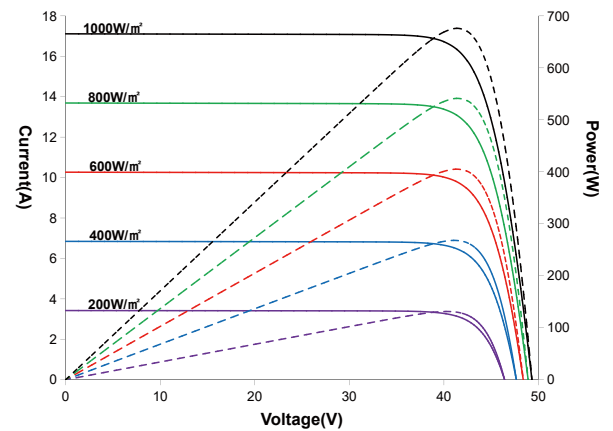
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ASSEMBLY DRAWING (Unit:mm)



I-V CURVES

Test temperature 25°C



Irradiance: AM1.5, 1000W/m²

