

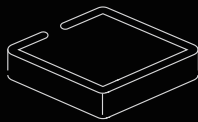
N-Type

FULL SCREEN SUPER LIGHT DOUBLE GLASS MODULE

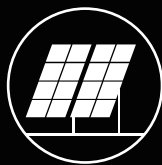
1.6mm+1.6mm
Glass



Special Structure
Frame



6%+ Annual Electricity
Generation Increase



Light
Weight **21 kg**

Module power
up to **445W**



Aurora Series

RS435~445S8B-108GANT



Jiangsu Runda PV Co., Ltd.

Electrical Characteristics(STC*)

Power Output(Wp)	435	440	445
Max Power Tolerance(W)	0-5	0-5	0-5
Module Efficiency(%)	21.77	22.02	22.27
Voltage Mpp-Vmpp(V)	32.46	32.67	32.87
Current Mpp-Impp(A)	13.40	13.47	13.54
Voltage Open Circuit-Voc(V)	39.13	39.33	39.53
Short Circuit Current-Isc(A)	14.01	14.08	14.15

*STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5

Electrical Characteristics(NOCT*)

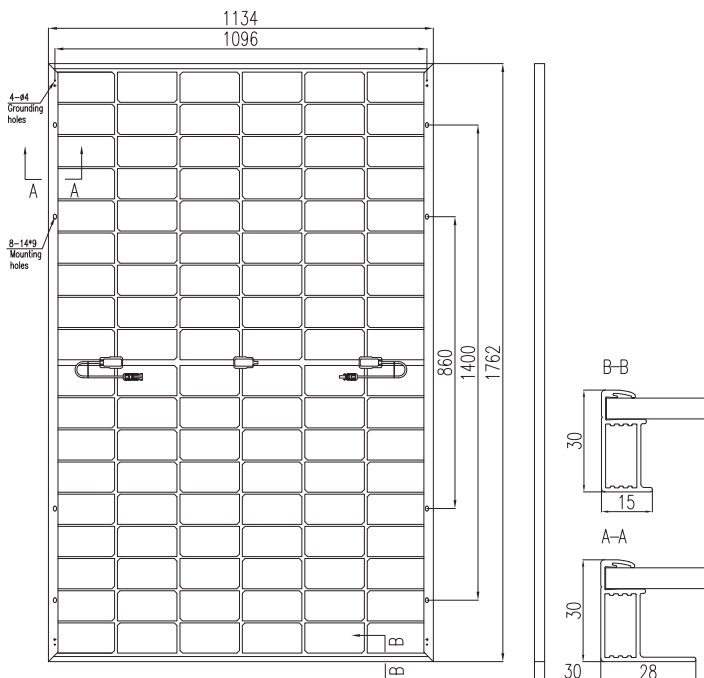
Power Output(Wp)	327	331	335
Voltage Mpp-Vmpp(V)	30.19	30.42	30.62
Current Mpp-Impp(A)	10.83	10.88	10.94
Voltage Open Circuit-Voc(V)	37.17	37.36	37.55
Short Circuit Current-Isc(A)	11.31	11.36	11.42

*NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

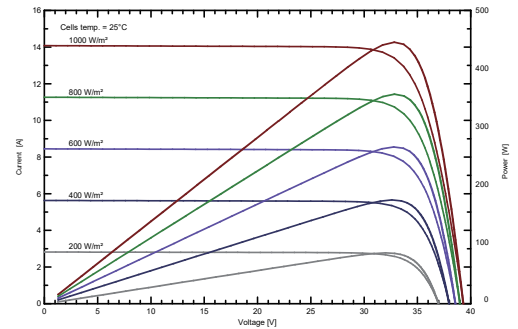
With Different Power Generation Gain (regarding 440W as an example)

Power Gain (%)	Power Output (Wp)	Voltage Mpp-Vmpp (V)	Current Mpp-Impp (A)	Voltage Open Circuit-Voc (V)	Short Circuit Current-Isc (A)
10	484	32.67	14.82	39.33	15.49
15	506	32.67	15.49	39.33	16.16
20	528	32.67	16.16	39.33	16.90
25	550	32.67	16.84	39.33	17.60
30	572	32.67	17.51	39.33	18.30

Module Structure Drawing (mm)



Curves(440W)



Mechanical Data

Dimension Of Module	1762*1134*30mm
Weight	21kg
Front/Back Glass	1.6mm heat strengthened glass
Cables	4mm ² /300mm or Customized Length
Junction Box	IP68,3 bypass diodes
Connector	MC4 compatible

Packaging Configuration

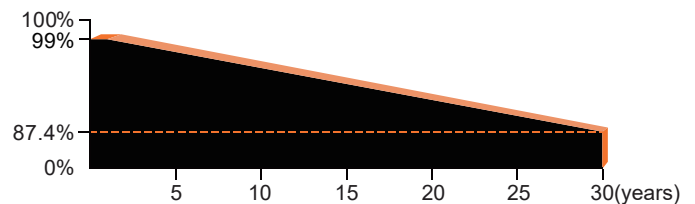
Container	40'HQ
Loading Capacity	936 pcs

Working Conditions

Max System Voltage	1500V DC(IEC)
Max Series Fuse Rating	30A
Maximum Load Capacity	Front 5400Pa/Back 2400Pa
Operating Temperature	-40°C~+85°C
Power Bifaciality	80±5%

Temperature Ratings

Temperature Coefficients of Pmax(%/°C)	-0.310
Temperature Coefficients of Voc(%/°C)	-0.26
Temperature Coefficients of Isc(%/°C)	0.046
Nominal Operating Cell Temperature (NOCT)	42±2°C



12 Years Product Warranty on Materials and Workmanship

30 Years Linear Performance Warranty