

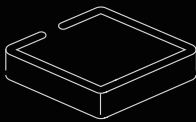
N-Type

FULL SCREEN SUPER LIGHT DOUBLE GLASS MODULE

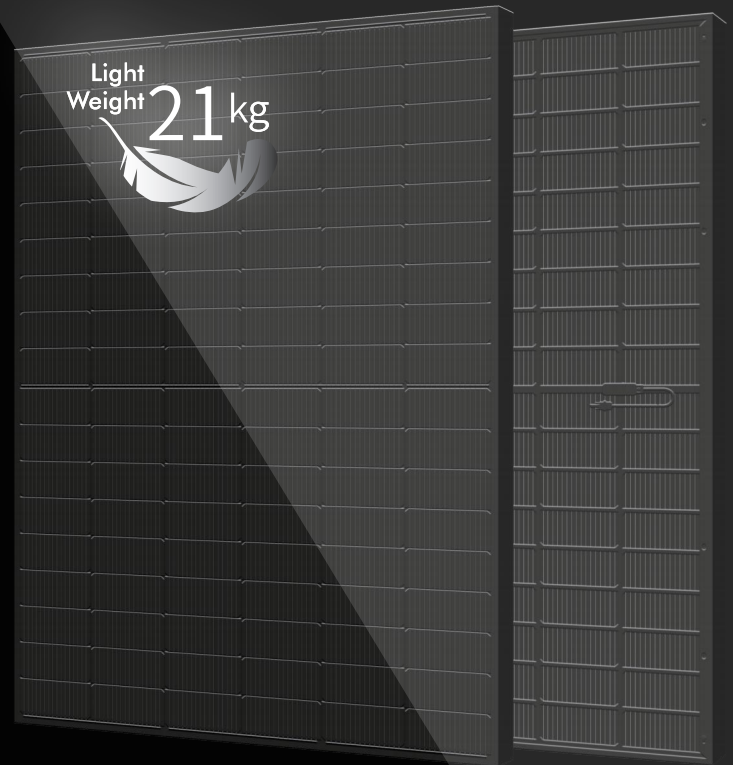
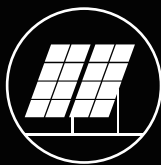
1.6mm+1.6mm
Glass



Special Structure
Frame



6%+ Annual Electricity
Generation Increase



Module power
up to **430W**



Aurora Series

RS410~430S8B-108GANT



Jiangsu Runda PV Co., Ltd.

Electrical Characteristics(STC*)

Power Output(Wp)	410	415	420	425	430
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	21.00	21.25	21.51	21.76	22.02
Voltage Mpp-Vmpp(V)	31.25	31.44	31.63	31.81	31.99
Current Mpp-Impp(A)	13.12	13.20	13.28	13.36	13.44
Voltage Open Circuit-Voc(V)	37.64	37.83	38.02	38.21	38.40
Short Circuit Current-Isc(A)	13.89	13.97	14.05	14.13	14.21

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

Electrical Characteristics(NOCT*)

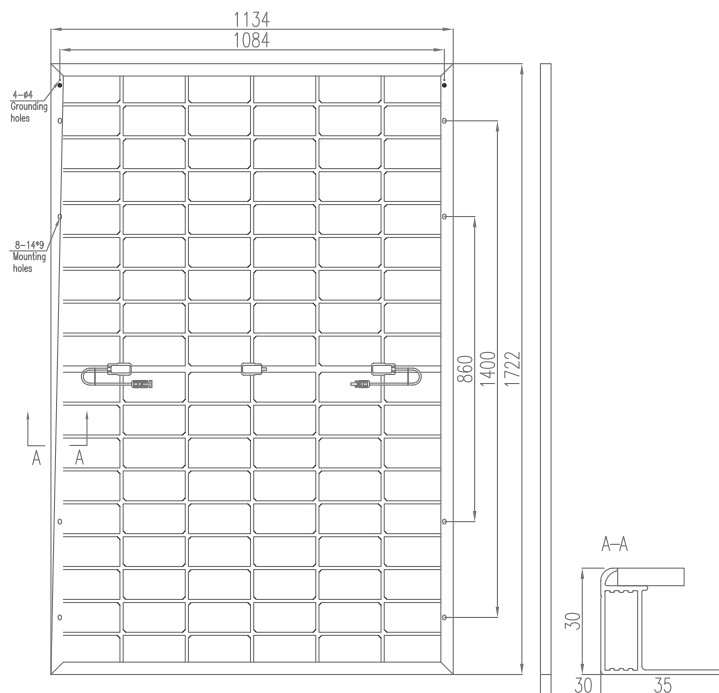
Power Output(Wp)	314	314	318	322	326
Voltage Mpp-Vmpp(V)	29.38	29.57	29.75	29.93	30.07
Current Mpp-Impp(A)	10.55	10.62	10.69	10.76	10.84
Voltage Open Circuit-Voc(V)	35.78	35.97	36.16	36.35	36.54
Short Circuit Current-Isc(A)	11.18	11.24	11.31	11.37	11.43

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

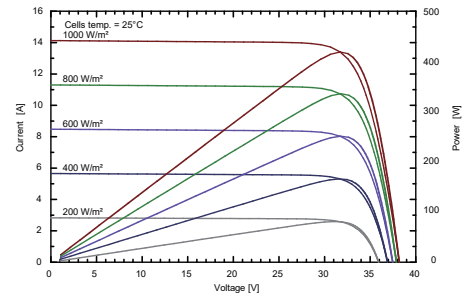
With Different Power Generation Gain (regarding 425W as an example)

Power Gain (%)	Power Output (Wp)	Voltage Mpp-Vmpp (V)	Current Mpp-Impp (A)	Voltage Open Circuit-Voc (V)	Short Circuit Current-Isc (A)
10	468	31.81	14.70	38.21	15.54
15	489	31.81	15.36	38.21	16.25
20	510	31.81	16.03	38.21	16.96
25	531	31.81	16.70	38.21	17.66
30	553	31.81	17.37	38.21	18.37

Module Structure Drawing (mm)



Curves(425W)



Mechanical Data

Dimension Of Module	1722*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

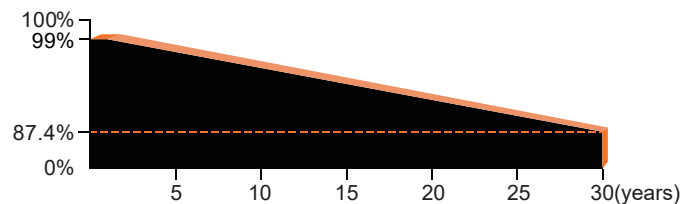
Container	40'HQ
Loading Capacity	936 pcs

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