

S8-132GANT

**N-type
Bifacial Dual Glass
Mono Module**



550 - 575W / Power Output

0~5W / Pmax Tolerance

23.24% / Maximum Module Efficiency

- 

Outstanding Low Light Performance
Higher power output even under low-light environments like on cloudy or foggy days.
- 

Better Temperature Coefficient
Higher power generation under working conditions, thanks to passivating contact cell technology
- 

Lower LCOE
Higher bifaciality, higher power output and lower BOS cost
- 

Wider Applicability
More application scenes like BIPV, vertical installation, snowfield, high-humid, windy and dusty area
- 

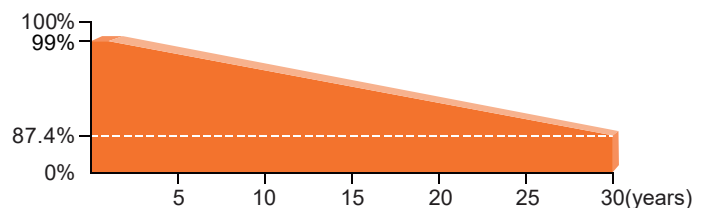
10%-30% Additional Power Generation
30 years lifespan brings 10%-30% additional power generation comparing with conventional P-type module
- 

Zero LID (Light Induced Degradation)
N-type solar cell has no LID naturally which can increase power generation
- 

PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control
- 

Enhanced Mechanical Load
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

Linear Performance Warranty



15 years
Product quality & process guarantee

30 years
Linear power guarantee

0.40 %
Annual degradation

Product Certification

ISO9001 : 2015: Quality Management System
ISO14001 : 2015: Environment Management System
ISO45001 : 2018: Occupational health and safety management systems
IEC61215, IEC61730, IEC62716



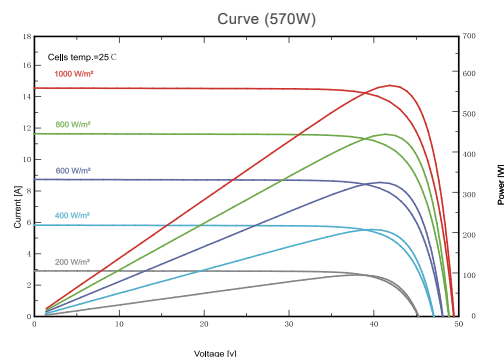
* Different markets have different certification requirements.
Also, the products are under rapid innovation.
Please confirm the certification status with regional sales representatives.

Aurora Pro

RS550~575S8-132GANT

Module Specification

Cell Type	132 [2 x (11 x 6)] / 182*95.8mm
Dimensions (mm)	2182*1134*30
Weight (kg)	30.5
Front Cover	2.0mm, Anti-Reflection Coating
Rear Cover	2.0mm, Heat Strengthened Glass
Junction Box	IP68 (3 diodes)
Cables	TUV 1x4.0mm ² , (+):300mm(-):300mm or Customized length
Connector Type	MC4-EVO2 / MC4 compatible



Electrical Specifications

Module Type	RS550S8-132GANT		RS555S8-132GANT		RS560S8-132GANT		RS565S8-132GANT		RS570S8-132GANT		RS575S8-132GANT	
	STC ¹	NOCT ²	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	550	420	555	424	560	427	565	431	570	435	575	439
Maximum Power Current (Imp/A)	13.66	11.16	13.73	11.22	13.80	11.28	13.87	11.34	13.94	11.40	14.01	11.46
Maximum Power Voltage (Vmp/V)	40.27	37.62	40.43	37.75	40.58	37.89	40.74	38.02	40.89	38.16	41.05	38.29
Short-circuit Current (Isc/A)	14.27	11.75	14.34	11.80	14.41	11.85	14.48	11.90	14.55	11.95	14.62	11.99
Open-circuit Voltage (Voc/V)	48.61	45.81	48.81	46.00	49.01	46.19	49.21	46.38	49.41	46.57	49.61	46.76
Module Efficiency (%)	22.23		22.43		22.63		22.83		23.04		23.24	

¹ STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

² NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Electrical Specifications(BNPI¹)

Nameplate Power (W)	550	555	560	565	570	575
Maximum Power (Pmax/W)	600	605	610	616	621	627
Maximum Power Current (Imp/A)	14.89	14.97	15.04	15.12	15.19	15.27
Maximum Power Voltage (Vmp/V)	40.27	40.43	40.58	40.74	40.89	41.05
Short-circuit Current (Isc/A)	15.55	15.63	15.71	15.78	15.86	15.94
Open-circuit Voltage (Voc/V)	48.61	48.81	49.01	49.21	49.41	49.61

¹ BNPI: Front radiation 1000W/m², Rear radiation 135W/m², Module temperature 25°C, AM=1.5

Temperature Characteristics

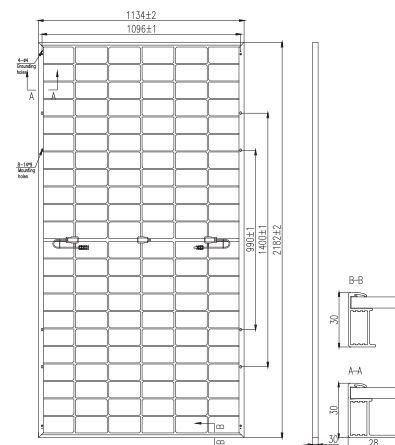
Nominal Operating Cell Temperature (NOCT/°C)	42±2
Temperature Coefficient of Pmax (%/°C)	-0.310
Temperature Coefficient of Voc (%/°C)	-0.26
Temperature Coefficient of Isc (%/°C)	+0.046

Packaging

Container	20GP	40HQ
Pallet Dimensions (mm)	2230*1130*2200	2230*1130*2540
Pieces per Pallet	63	72
Pieces per Container	315	720

Operating Conditions

Operating Temperature (°C)	-40 to +85
Maximum System Voltage (V)	1500 DC (IEC)
Overcurrent Protection Rating (A)	30
Protection Class	Class II
Max. Test Load, Push/Pull (Pa)	Front 5400 / Back 2400



Yancheng Runda PV CO.,Ltd

Add: No.199 Yanqiao Road, Tanghe Street, Jianhu County, Yancheng City Jiangsu Province, China
Tel: +86-0510-83801000 E-mail: sales@rundapv.com Website: www.rundapv.com

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

© 2024 Runda Solar All rights reserved. Contents included in this datasheet are subject to change without notice.

No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.

Version No.: Global_EN_2024_11