

## S9-132GANT

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



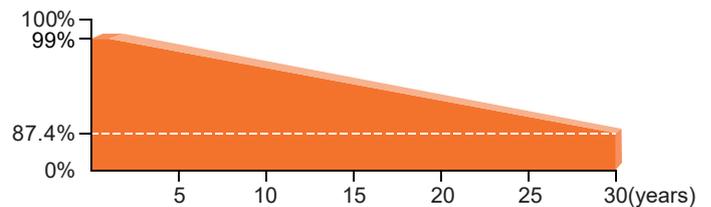
**705 - 730W** / Power Output

**0~5W** / Pmax Tolerance

**23.50%** / 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



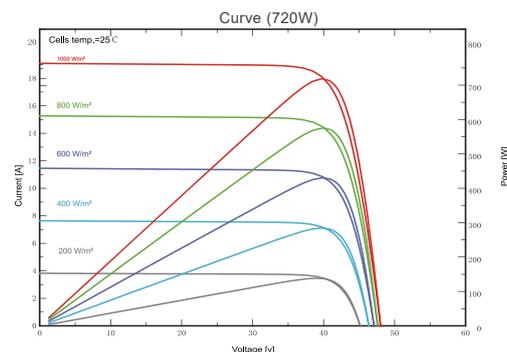
\* Different markets have different certification requirements.  
Also, the products are under rapid innovation.  
Please confirm the certification status with regional sales representatives.

# Aurora Pro

## RS705~730S9-132GANT

### Module Specification

Cell Type	132 [ 2 x ( 11 x 6 ) ] / 210*105mm
Dimensions (mm)	2384*1303*35
Weight (kg)	38
Front Cover	2.0mm, Anti-Reflection Coating
Rear Cover	2.0mm, Heat Strengthened Glass
Junction Box	IP68 (3 diodes)
Cables	TUV 1x4.0mm <sup>2</sup> , (+):300mm(-):200mm or Customized length
Connector Type	MC4-EVO2 / MC4 compatible



### Electrical Specifications

Module Type	RS705S9-132GANT		RS710S9-132GANT		RS715S89-132GANT		RS720S9-132GANT		RS725S9-132GANT		RS730S9-132GANT	
	STC <sup>1</sup>	NOCT <sup>2</sup>	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	705	533	710	537	715	541	720	545	725	549	730	553
Maximum Power Current (Imp/A)	17.84	14.35	17.88	14.38	17.92	14.42	17.96	14.45	18.00	14.48	18.04	14.51
Maximum Power Voltage (Vmp/V)	39.52	37.14	39.71	37.33	39.90	37.53	40.09	37.72	40.28	37.91	40.47	38.10
Short-circuit Current (Isc/A)	18.94	15.25	18.99	15.29	19.04	15.33	19.09	15.37	19.14	15.41	19.19	15.45
Open-circuit Voltage (Voc/V)	47.45	45.32	47.64	45.51	47.83	45.70	48.02	45.89	48.21	46.08	48.40	46.27
Module Efficiency (%)	22.70		22.86		23.02		23.18		23.34		23.50	

<sup>1</sup> STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5

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

### Electrical Specifications(BNPI<sup>1</sup>)

Nameplate Power (W)	705	710	715	720	725	730
Maximum Power (Pmax/W)	768	774	779	785	790	796
Maximum Power Current (Imp/A)	19.45	19.49	19.53	19.58	19.62	19.66
Maximum Power Voltage (Vmp/V)	39.52	39.71	39.90	40.09	40.28	40.47
Short-circuit Current (Isc/A)	20.64	20.70	20.75	20.81	20.86	20.92
Open-circuit Voltage (Voc/V)	47.45	47.64	47.83	48.02	48.21	48.40

<sup>1</sup> BNPI: Front radiation 1000W/m<sup>2</sup>, Rear radiation 135W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

### Temperature Characteristics

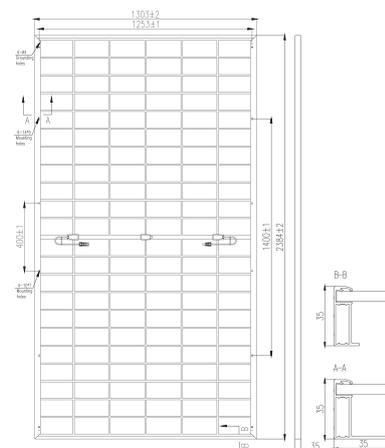
Nominal Operating Cell Temperature (NOCT/°C)	42±2
Temperature Coefficient of Pmax (%/°C)	-0.310
Temperature Coefficient of Voc (%/°C)	-0.26
Temperature Coefficient of Isc (%/°C)	+0.046

### Packaging

Container	40HQ
Pallet Dimensions (mm)	1330*1135*2496
Pieces per Pallet	31
Pieces per Container	558

### 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



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

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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.

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