

BIFACIAL MODULE WITH DUAL GLASS

# RS9-700~720NBG-E1



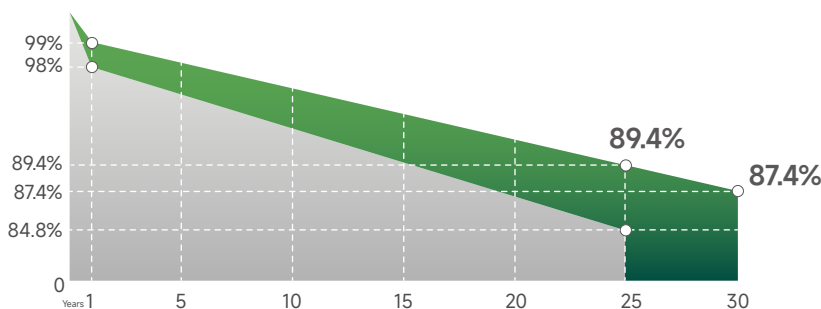
N-Type / Positive power tolerance of 0~+3%/Max module efficiency 23.18%

- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
  - Non destructive cutting · MBB half-cut
- Excellent power generation performance
  - Excellent IAM and Weak light response · Low temperature ratings
  - 0.40% linear Power decline
- High module quality ensures long-term reliability
  - Strict selected material · Advanced technology · Leading standard
- Ultra-hydrophilic self-cleaning coating techniques
- Enhanced Mechanical Load
  - Mechanical performance up to 5400pa positive load and 2400pa negative load



Complete System and IEC Product Certification

IEC 61215(2016), IEC 61730(2016) ISO9001: 2015: Quality Management System ISO14001: 2015: Environment Management System ISO45001:2018: Occupational Health and Safety Management System

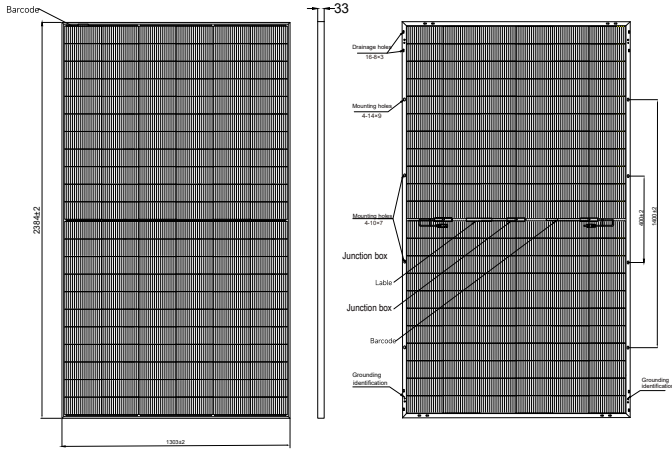


30-Year excess linear power output warranty

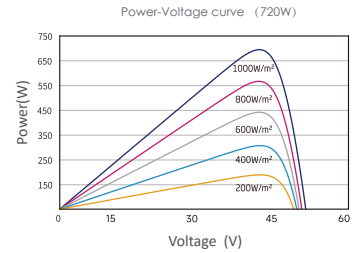
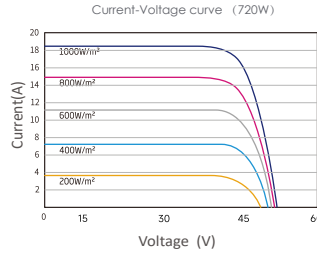


# RS9-700~720NBG-E1

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Drawing Only for Reference



Electrical Characteristics STC	RS9-700NBG-E1	RS9-705NBG-E1	RS9-710NBG-E1	RS9-715NBG-E1	RS9-720NBG-E1
Maximum Power(Pmax)	700W	705W	710W	715W	720W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.53%	22.70%	22.86%	23.02%	23.18%
Maximum Power Current(Imp)	17.29A	17.33A	17.36A	17.40A	17.44A
Maximum Power Voltage(Vmp)	40.50V	40.70V	40.90V	41.10V	41.30V
Short Power Voltage(Isc)	18.32A	18.36A	18.40A	18.44A	18.49A
Open Circuit Voltage(Voc)	48.60V	48.80V	49.00V	49.20V	49.40V

Values at Standard Test Conditions STC(AM1.5, Irradiance 1000W/ m<sup>2</sup>, Cell Temperature 25°C)

Electrical Characteristics NOCT	RS9-700NBG-E1	RS9-705NBG-E1	RS9-710NBG-E1	RS9-715NBG-E1	RS9-720NBG-E1
Maximum Power(Pmax)	534W	540W	543W	547W	551W
Maximum Power Current(Imp)	14.05A	14.08A	14.12A	14.14A	14.19A
Maximum Power Voltage(Vmp)	38.00V	38.30V	38.50V	38.70V	38.80V
Short Power Voltage(Isc)	14.76A	14.80A	14.83A	14.86A	14.90A
Open Circuit Voltage(Voc)	46.10V	46.30V	46.50V	46.70V	46.90V

NMOT(Nominal module operating temperature) , Irradiance of 800W/ m<sup>2</sup>, AM1.5, Ambient Temperature 20 °C, wind Speed 1m/s.

Electrical Characteristics with 10% rear side power gain	RS9-700NBG-E1	RS9-705NBG-E1	RS9-710NBG-E1	RS9-715NBG-E1	RS9-720NBG-E1
Maximum Power(Pmax)	770W	776W	781W	787W	792W
Maximum Power Current(Imp)	19.02A	19.06A	19.10A	19.14A	19.18A
Maximum Power Voltage(Vmp)	40.50V	40.70V	40.90V	41.09V	41.31V
Short Power Voltage(Isc)	20.15A	20.20A	20.24A	20.28A	20.34A
Open Circuit Voltage(Voc)	48.60V	48.80V	49.00V	49.20V	49.40V

Mechanical Characteristics	
Cell Type	MonoN-Type,132(6×22), Half-Cut cells
Glass	2mm+2mm, High Transmission,Low Iron,Semi Tempered Glass
Frame	Anodized Aluminum Alloy
Juction Box	IP68Rated
Dimension	2384x1303x33mm
Output Cable	4mm2(EU), 300mm
Weight	38.7kg
Connector	MC4 compatible

Packing Information	
Container	40'HQ
Pallets per Container	18
Pieces per Container	594

Characteristics	
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Pmax	-0.29%/°C
Nominal Operating Cell Temperature(NOCT)	43±2°C
Fire Performance	IEC Class C

Remark:Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.

Maximum Ratings	
Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	35A

