

BIFACIAL MODULE WITH DUAL GLASS

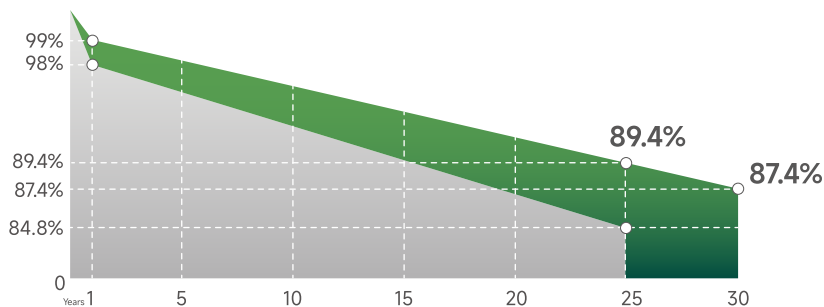
RS8-660~675NBG-E1

N-Type / Positive power tolerance of 0~+3%/Max module efficiency 23.85%

- 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 low irradiation performance · Lower temperature coefficient
 - 0.4% linear Power decline
- High module quality ensures long-term reliability
 - Strict selected material · Advanced technology · Leading standard
- Enhanced Mechanical Load
 - Mechanical performance up to 5400pa positive load and 2400pa negative load

Complete System
and IEC Product Certification

IEC61215, IEC61730, ISO9001:
2015: Quality Management System ISO14001:
2015: Environment Management System
ISO45001:2018: Occupational Health
and Safety Management System

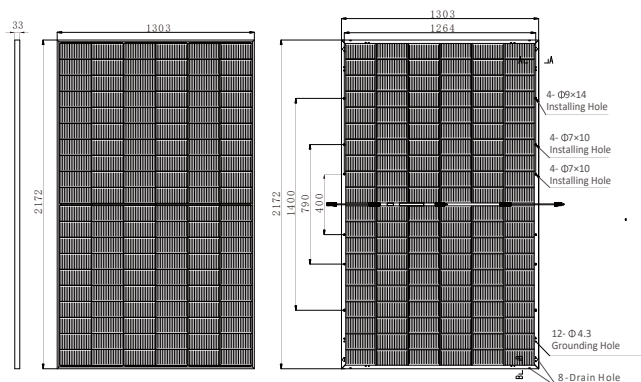


30-Year Excess Linear Power Output Warranty

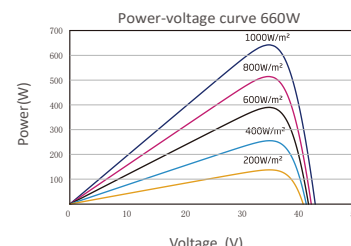
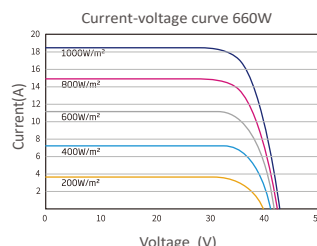
BLOOMBERG
TIER 1
Global
Leading Brand



RS8-660~675NBG-E1 BIFACIAL MODULE WITH DUAL GLASS



Drawing Only for Reference



Electrical Characteristics STC	RS8-660NBG-E1	RS8-665NBG-E1	RS8-670NBG-E1	RS8-675NBG-E1
Maximum Power (Pmax)	660W	665W	670W	675W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	23.32%	23.50%	23.67%	23.85%
Maximum Power Current (Imp)	17.46A	17.50A	17.54A	17.58A
Maximum Power Voltage (Vmp)	37.80V	38.00V	38.20V	38.40V
Short Circuit Current (Isc)	18.42A	18.45A	18.48A	18.51A
Open Circuit Voltage (Voc)	45.70V	46.00V	46.30V	46.60V

Values at Standard Test Conditions STC(AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics BNPI	RS8-660NBG-E1	RS8-665NBG-E1	RS8-670NBG-E1	RS8-675NBG-E1
Maximum Power (Pmax)	731W	737W	742W	748W
Maximum Power Current (Imp)	19.35A	19.39A	19.43A	19.48A
Maximum Power Voltage (Vmp)	37.80V	38.00V	38.20V	38.40V
Short Circuit Current (Isc)	20.41A	20.44A	20.48A	20.51A
Open Circuit Voltage (Voc)	45.70V	46.00V	46.30V	46.60V

BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Ambient Temperature 25°C, AM=1.5, Power Bifaciality:80±5%.

Electrical Characteristics rear side power gain	RS8-660NBG-E1		RS8-665NBG-E1		RS8-670NBG-E1		RS8-675NBG-E1	
Backside Power Gain	5%	10%	5%	10%	5%	10%	5%	10%
Maximum Power (Pmax)	693W	726W	698W	732W	704W	737W	709W	743W
Maximum Power Current (Imp)	18.33A	19.21A	18.38A	19.25A	18.42A	19.29A	18.46A	19.34A
Maximum Power Voltage (Vmp)	37.80V	37.80V	38.00V	38.00V	38.20V	38.20V	38.40V	38.40V
Short Circuit Current (Isc)	19.34A	20.26A	19.37A	20.30A	19.40A	20.33A	19.44A	20.36A
Open Circuit Voltage (Voc)	45.70V	45.70V	46.00V	46.00V	46.30V	46.30V	46.60V	46.60V

Mechanical Characteristics	
Cell Type	Mono N-Type,120(6x20)Half-Cut cells
Glass	2mm+2mm,High Transmission,Low Iron,Semi-Tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Dimension	2172×1303×33mm
Output Cable	4mm2(EU),+200mm,-300mm or Customized
Weight	35.3kg
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

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

