

BIFACIAL MODULE WITH DUAL GLASS

RS6H-600~620NBG-E1

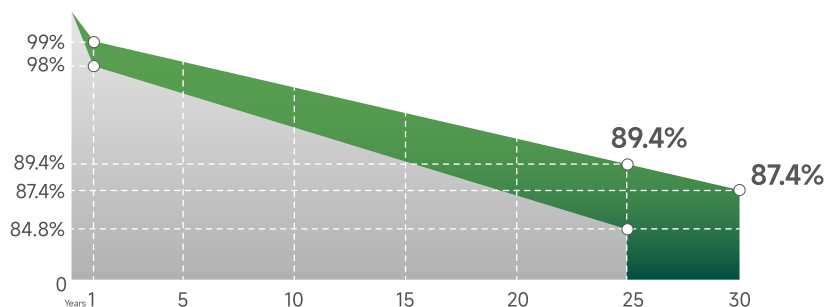
N-Type /Positive power tolerance of 0~+3%/Max module efficiency 22.95%

- 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
 - 0.40% 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



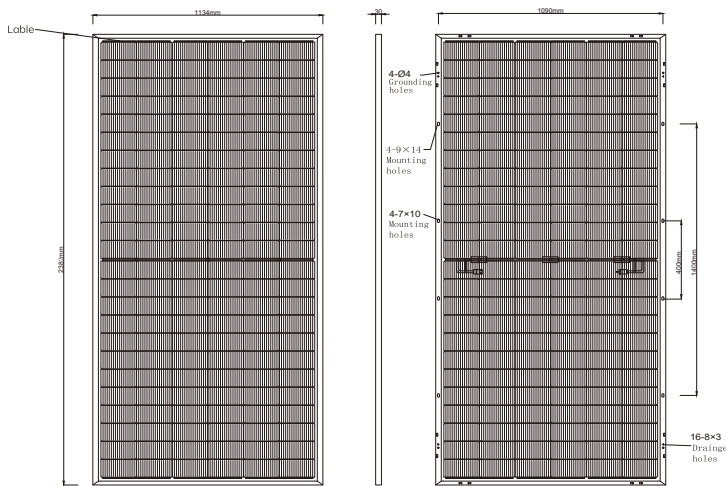
30-Year Excess Linear Power Output Warranty

BLOOMBERG
TIER 1
Global
Leading Brand

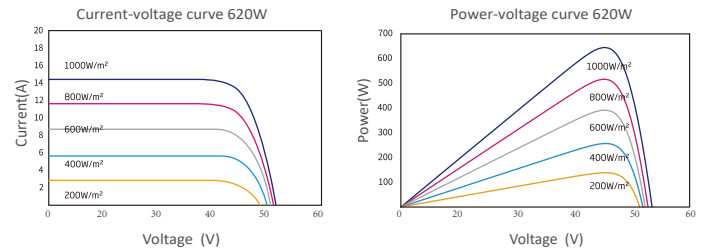


RS6H-600~620NBG-E1

BIFACIAL MODULE WITH DUAL GLASS



Drawing Only for Reference



Electrical Characteristics STC	RS6H-600NBG-E1	RS6H-605NBG-E1	RS6H-610NBG-E1	RS6H-615NBG-E1	RS6H-620NBG-E1
Maximum Power (Pmax)	600W	605W	610W	615W	620W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.21%	22.40%	22.58%	22.77%	22.95%
Maximum Power Current (Imp)	13.89A	13.96A	14.02A	14.08A	14.15A
Maximum Power Voltage (Vmp)	43.25V	43.41V	43.57V	43.68V	43.82V
Short Circuit Current (Isc)	14.66A	14.71A	14.77A	14.82A	14.88A
Open Circuit Voltage (Voc)	52.05V	52.24V	52.45V	52.66V	52.88V

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

Electrical Characteristics BNPI	RS6H-600NBG-E1	RS6H-605NBG-E1	RS6H-610NBG-E1	RS6H-615NBG-E1	RS6H-620NBG-E1
Maximum Power (Pmax)	665W	670W	676W	681W	687W
Maximum Power Current (Imp)	15.39A	15.47A	15.53A	15.60A	15.67A
Maximum Power Voltage (Vmp)	43.25V	43.41V	43.57V	43.68V	43.82V
Short Circuit Current (Isc)	16.24A	16.30A	16.37A	16.43A	16.50A
Open Circuit Voltage (Voc)	52.05V	52.24V	52.45V	52.66V	52.88V

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	RS6H-600NBG-E1	RS6H-605NBG-E1	RS6H-610NBG-E1	RS6H-615NBG-E1	RS6H-620NBG-E1
Backside Power Gain	5% 10%	5% 10%	5% 10%	5% 10%	5% 10%
Maximum Power (Pmax)	630W 660W	635W 666W	641W 671W	646W 677W	651W 682W
Maximum Power Current (Imp)	14.57A 15.28A	14.63A 15.36A	14.70A 15.42A	14.77A 15.49A	14.83A 15.57A
Maximum Power Voltage (Vmp)	43.25V 43.25V	43.41V 43.41V	43.57V 43.57V	43.68V 43.68V	43.82V 43.82V
Short Circuit Current (Isc)	15.39A 16.13A	15.45A 16.18A	15.51A 16.25A	15.57A 16.30A	15.63A 16.37A
Open Circuit Voltage (Voc)	52.05V 52.05V	52.24V 52.24V	52.45V 52.45V	52.66V 52.66V	52.88V 52.88V

Mechanical Characteristics

Cell Type	Mono N-Type,144(6×24) Half-Cut cells
Glass	2mm+2mm,High Transmission,Low Iron,Semi-tempered glass
Frame	Anodized Aluminum Alloy
Juction Box	IP68 Rated
Dimension	2382x1134x30mm
Output Cable	4mm2(EU),300mm,length can be customized
Weight	32.4kg
Connector	MC4 Compatible

Packing Information

Container	40' HQ
Pallets per Container	20
Pieces per Container	740

Characteristics

Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.045%/°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

Operatinh Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A

