

BIFACIAL MODULE WITH DUAL GLASS

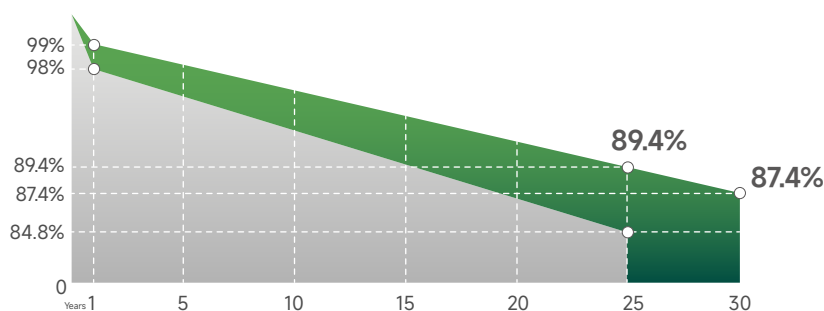
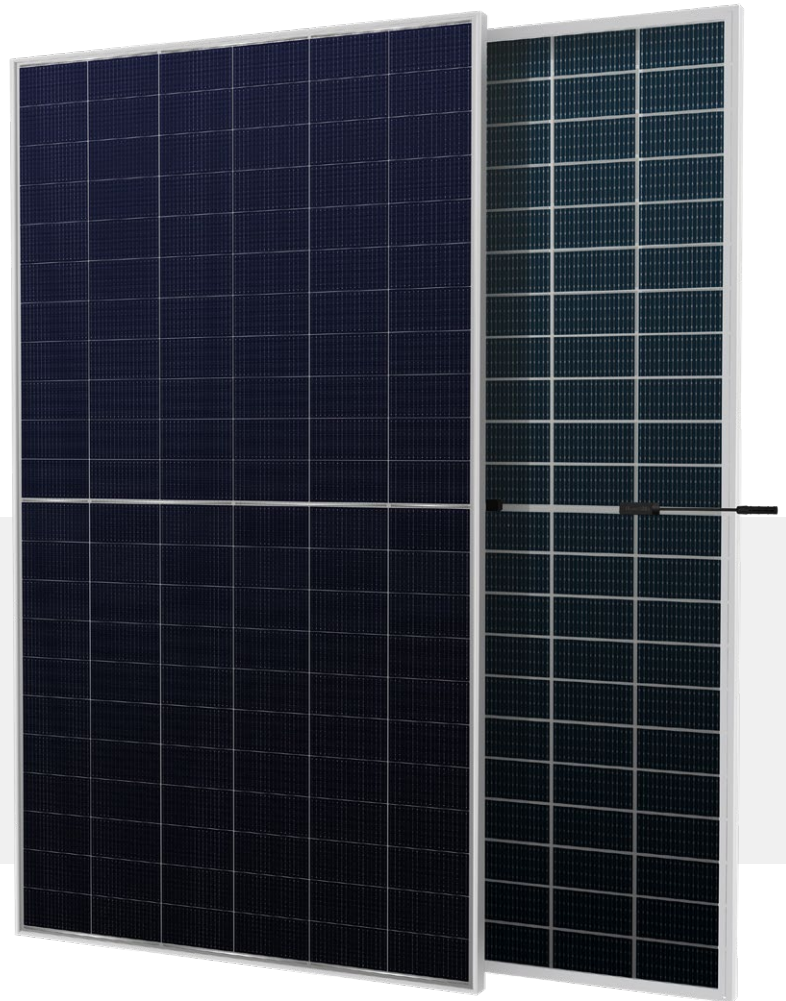
RS9-725~745NBG-E1

N-Type /Positive power tolerance of 0~+3%/Max module efficiency 23.98%

- 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
- Enhanced Mechanical Load
 - Mechanical performance up to 5400pa positive load and 2400pa negative load

Complete System and IEC Product Certification

IEC 61215, IEC 61730, 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



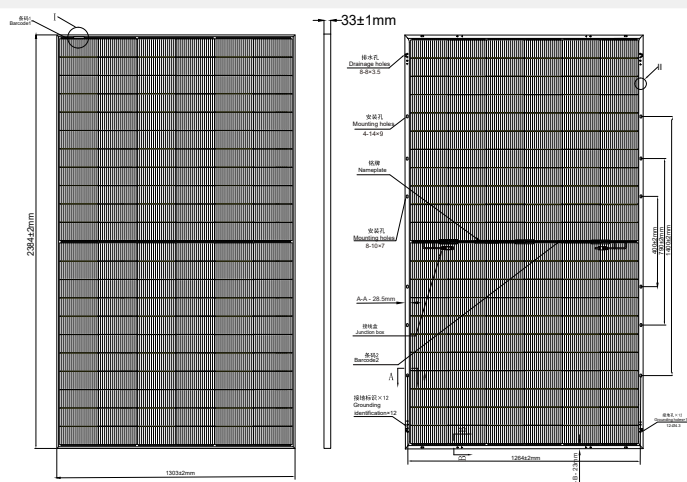


Figure 10 consists of two graphs. The left graph is titled "Current-Voltage curve (745W)" and plots Current (A) on the y-axis (0 to 20) against Voltage (V) on the x-axis (0 to 60). It shows five curves for different irradiances: 1000W/m² (dark blue), 800W/m² (magenta), 600W/m² (grey), 400W/m² (light blue), and 200W/m² (yellow). The right graph is titled "Power-Voltage curve (745W)" and plots Power (W) on the y-axis (0 to 750) against Voltage (V) on the x-axis (0 to 60). It shows the same five irradiance curves, each peaking at a different voltage and power value.

Electrical Characteristics STC	RS9-725NBG-E1	RS9-730NBG-E1	RS9-735NBG-E1	RS9-740NBG-E1	RS9-745NBG-E1
Maximum Power(Pmax)	725W	730W	735W	740W	745W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	23.34%	23.50%	23.66%	23.82%	23.98%
Maximum Power Current(Imp)	17.47A	17.51A	17.55A	17.58A	17.61A
Maximum Power Voltage(Vmp)	41.50V	41.70V	41.90V	42.10V	42.31V
Short Power Voltage(Isc)	18.54A	18.58A	18.62A	18.66A	18.70A
Open Circuit Voltage(Voc)	49.60V	49.90V	50.10V	50.30V	50.50V

Electrical Characteristics BNPI	RS9-725NBG-E1	RS9-730NBG-E1	RS9-735NBG-E1	RS9-740NBG-E1	RS9-745NBG-E1
Maximum Power(Pmax)	803W	809W	814W	820W	825W
Maximum Power Current(Imp)	19.36A	19.40A	19.45A	19.48A	19.51A
Maximum Power Voltage(Vmp)	41.50V	41.71V	41.90V	42.10V	42.31V
Short Power Voltage(Isc)	20.54A	20.59A	20.63A	20.68A	20.72A
Open Circuit Voltage(Voc)	49.60V	49.90V	50.10V	50.30V	50.50V

Electrical Characteristics rear side power gain	RS9-725NBG-E1		RS9-730NBG-E1		RS9-735NBG-E1		RS9-740NBG-E1		RS9-745NBG-E1	
	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Backside Power Gain	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Maximum Power(Pmax)	761W	798W	767W	803W	772W	809W	777W	814W	782W	820W
Maximum Power Current(Imp)	18.34A	19.22A	18.38A	19.26A	18.42A	19.30A	18.46A	19.33A	18.49A	19.37A
Maximum Power Voltage(Vmp)	41.50V	41.50V	41.70V	41.70V	41.90V	41.90V	42.10V	42.10V	42.31V	42.31V
Short Power Voltage(Isc)	19.47A	20.39A	19.51A	20.44A	19.55A	20.48A	19.59A	20.53A	19.64A	20.57A
Open Circuit Voltage(Voc)	49.60V	49.60V	49.90V	49.90V	50.10V	50.10V	50.30V	50.30V	50.50V	50.50V

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),+200mm,-300mm or Customized
Weight	38.7kg
Connector	MC4 compatible

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

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

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