

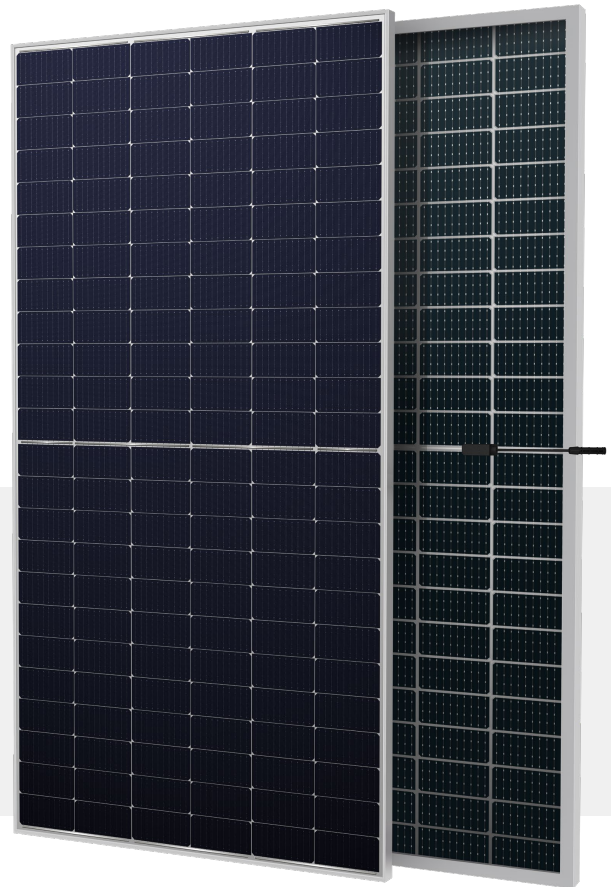
BIFACIAL MODULE WITH DUAL GLASS

RS6-550~560MBG-E3



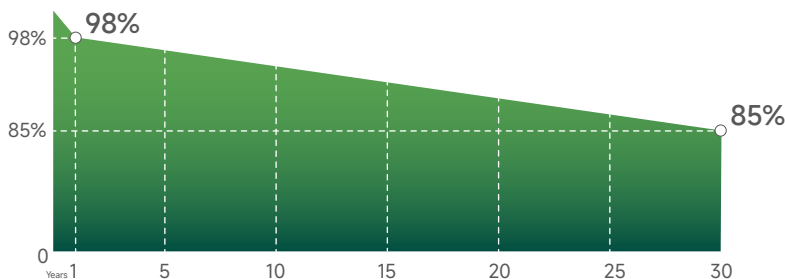
P-Type /Positive power tolerance of 0~+3%/Max module efficiency 21.68%

- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
 - Gallium-doped Wafer · Non destructive cutting · MBB half-cut
- Excellent power generation performance
 - Excellent IAM and low irradiation performance · Lower temperature coefficient
 - 0.45% 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

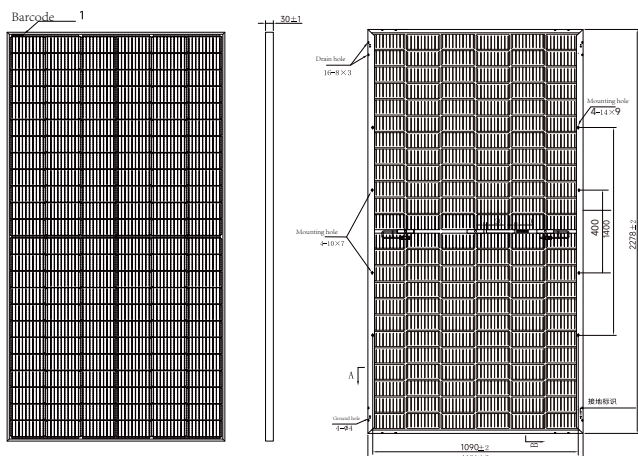


30-Year excess linear power output warranty

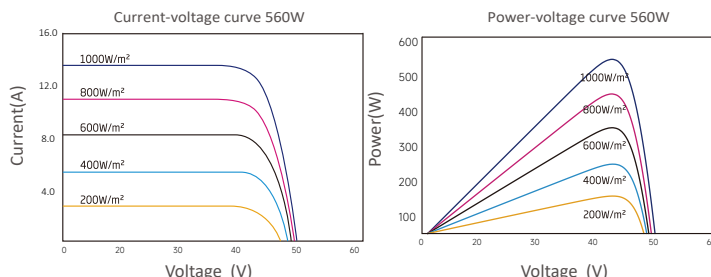


RS6-550~560MBG-E3

BIFACIAL MODULE WITH DUAL GLASS



Drawing Only for Reference



Electrical Characteristics STC	RS6-550MBG-E3	RS6-555MBG-E3	RS6-560MBG-E3
Maximum Power (Pmax)	550W	555W	560W
Power Tolerance	0~+5W	0~+5W	0~+5W
Module Efficiency	21.29%	21.48%	21.68%
Maximum Power Current (Imp)	13.12A	13.19A	13.25A
Maximum Power Voltage (Vmp)	41.95V	42.10V	42.25V
Short Circuit Current (Isc)	13.98A	14.04A	14.10A
Open Circuit Voltage (Voc)	49.80V	49.95V	50.10V

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

Electrical Characteristics NOCT	RS6-550MBG-E3	RS6-555MBG-E3	RS6-560MBG-E3
Maximum Power (Pmax)	411W	415W	419W
Maximum Power Current (Imp)	10.56A	10.61A	10.68A
Maximum Power Voltage (Vmp)	38.97V	39.11V	39.25V
Short Circuit Current (Isc)	11.31A	11.35A	11.41A
Open Circuit Voltage (Voc)	46.82V	46.97V	47.11V

NOCT , Irradiance of 800W/m², AM1.5, Ambient Temperature 20 °C, wind Speed 1m/s.

Electrical Characteristics with 10% rear side power gain	RS6-550MBG-E3	RS6-555MBG-E3	RS6-560MBG-E3
Maximum Power (Pmax)	605W	611W	616W
Maximum Power Current (Imp)	14.43A	14.51A	14.58A
Maximum Power Voltage (Vmp)	41.95V	42.10V	42.25V
Short Circuit Current (Isc)	15.38A	15.44A	15.51A
Open Circuit Voltage (Voc)	49.80V	49.95V	50.10V

Mechanical Characteristics	
Cell Type	Mono P-Type,144(6×24) Half-Cut cells
Glass	2mm+2mm,High Transmission,Low Iron,Semi-Tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Dimension	2278x1134x30mm
Output Cable	4mm ² (EU),300mm,length can be customized
Weight	31.7kg
Connector	MC4 Compatible

Characteristics	
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	+0.04%/°C
Temperature Coefficient of Pmax	-0.35%/°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.

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

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

