

MONO-FACIAL MODULE

RS7-615~635N-E2



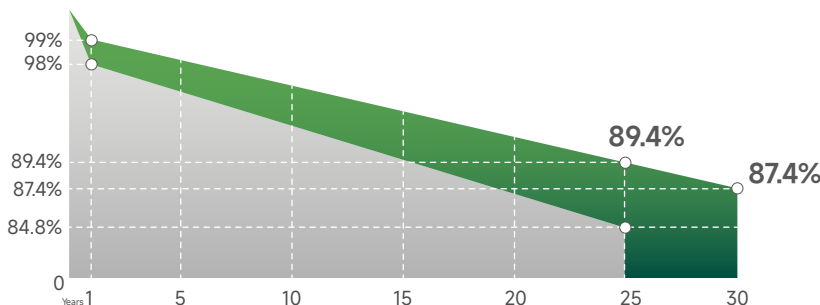
N-Type / Positive power tolerance of 0~+3%/Max module efficiency 22.72%.

- 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

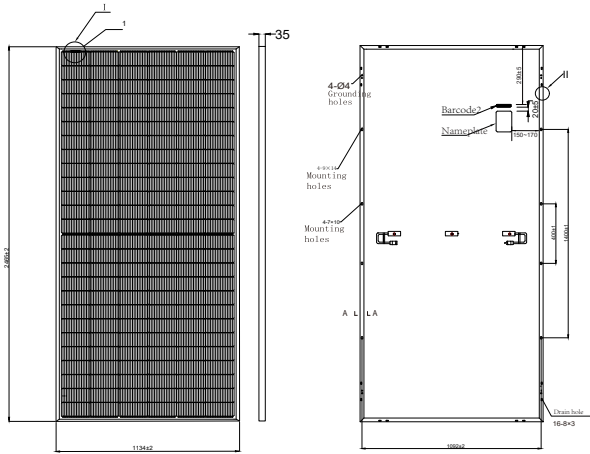


30-Year Excess Linear Power Output Warranty

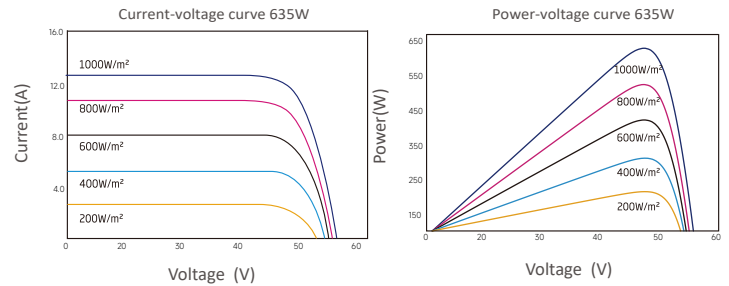


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Drawing Only for Reference



Electrical Characteristics STC	RS7-615N-E2	RS7-620N-E2	RS7-625N-E2	RS7-630N-E2	RS7-635N-E2
Maximum Power (Pmax)	615W	620W	625W	630W	635W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.00%	22.18%	22.36%	22.54%	22.72%
Maximum Power Current (Imp)	13.14A	13.20A	13.26A	13.32A	13.38A
Maximum Power Voltage (Vmp)	46.81V	46.97V	47.14V	47.30V	47.46V
Short Circuit Current (Isc)	13.80A	13.86A	13.92A	13.98A	14.04A
Open Circuit Voltage (Voc)	56.65V	56.80V	56.95V	57.10V	57.25V

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

Electrical Characteristics NOCT	RS7-615N-E2	RS7-620N-E2	RS7-625N-E2	RS7-630N-E2	RS7-635N-E2
Maximum Power (Pmax)	462W	466W	470W	473W	477W
Maximum Power Current (Imp)	10.61A	10.66A	10.71A	10.76A	10.81A
Maximum Power Voltage (Vmp)	43.53V	43.68V	43.84V	43.99V	44.14V
Short Circuit Current (Isc)	11.21A	11.27A	11.33A	11.39A	11.45A
Open Circuit Voltage (Voc)	53.25V	53.39V	53.53V	53.67V	53.82V

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

Mechanical Characteristics	
Cell Type	Mono N-Type,156(6×24) Half-Cut cells
Glass	3.2mm,High Transmission,Low Iron,Tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Dimension	2465x1134x30mm
Output Cable	4mm2(EU),300mm,length can be customized
Weight	30kg
Connector	MC4 Compatible

Packing Information	
Container	40' HQ
Pallets per Container	16
Pieces per Container	592

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

