

MONO-FACIAL MODULE

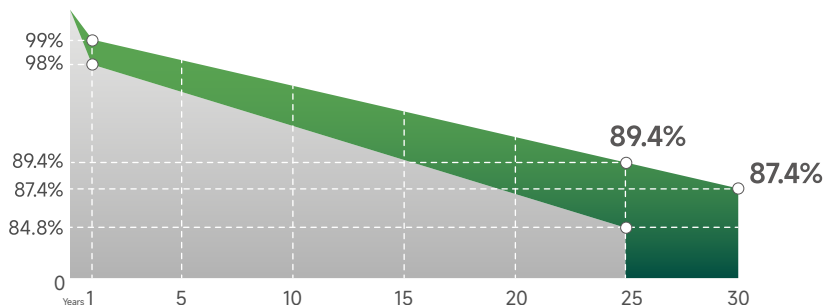
RS5-525~545N-E2

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

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

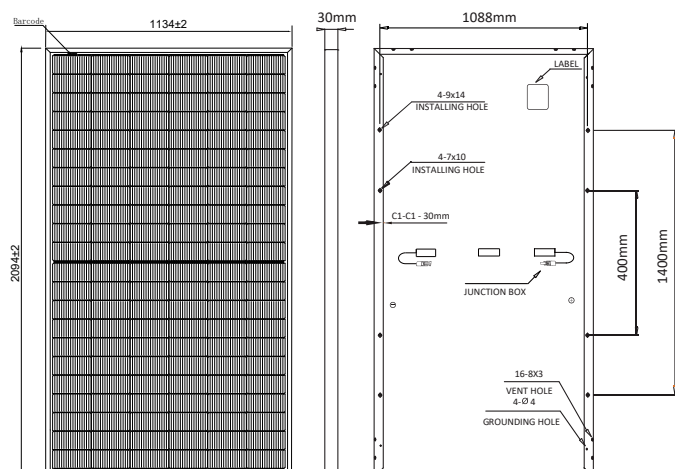


BLOOMBERG
TIER 1
Global
Leading Brand

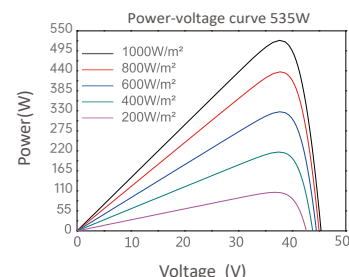
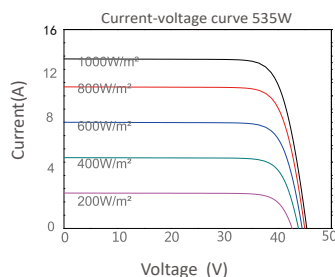


RS5-525~545N-E2

MONO-FACIAL MODULE



Drawing Only for Reference



Electrical Characteristics STC	RS5-525N-E2	RS5-530N-E2	RS5-535N-E2	RS5-540N-E2	RS5-545N-E2
Maximum Power (Pmax)	525W	530W	535W	540W	545W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	22.11%	22.32%	22.53%	22.74%	22.95%
Maximum Power Current (Imp)	13.32A	13.38A	13.44A	13.50A	13.56A
Maximum Power Voltage (Vmp)	39.41V	39.61V	39.81V	40.00V	40.19V
Short Circuit Current (Isc)	13.95A	14.01A	14.07A	14.13A	14.19A
Open Circuit Voltage (Voc)	47.37V	47.62V	47.87V	48.11V	48.35V

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

Electrical Characteristics NOCT	RS5-525N-E2	RS5-530N-E2	RS5-535N-E2	RS5-540N-E2	RS5-545N-E2
Maximum Power (Pmax)	394W	398W	402W	406W	409W
Maximum Power Current (Imp)	10.76A	10.81A	10.86A	10.90A	10.95A
Maximum Power Voltage (Vmp)	36.66V	36.84V	37.02V	37.20V	37.38V
Short Circuit Current (Isc)	11.44A	11.49A	11.54A	11.59A	11.64A
Open Circuit Voltage (Voc)	44.53V	44.76V	44.99V	45.22V	45.45V

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

Mechanical Characteristics	
Cell Type	Mono N-Type,132(6×22) Half-Cut cells
Glass	3.2mm,High Transmission,Low Iron,tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Dimension	2094x1134x30mm
Output Cable	4mm ² (EU),+200mm,-300mm or Customized
Weight	26.5kg
Connector	MC4 Compatible

Packing Information	
Container	40' HQ
Pallets per Container	22
Pieces per Container	814

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	
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A

