

MONO-FACIAL MODULE

RS6-550~560M-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 Weak light response · Low temperature ratings
 - 0.55% linear Power decline
- High module quality ensures long-term reliability
 - Strict selected material · Advanced technology · Leading standard
- Ultra-hydrophilic self-cleaning coating techniques

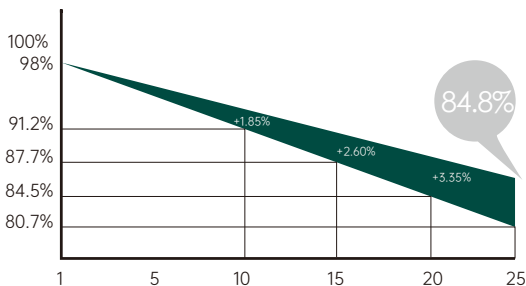


Complete System
and IEC Product Certification

IEC 61215(2016), IEC 61730(2016) ISO9001:
2015:Quality Management System ISO14001:
2015:Environment Management System
ISO45001:2018:Occupational Health
and Safety Management System

12-year ◀◀
Material &
Workmanship

25-year ◀◀
Linear Power
Output

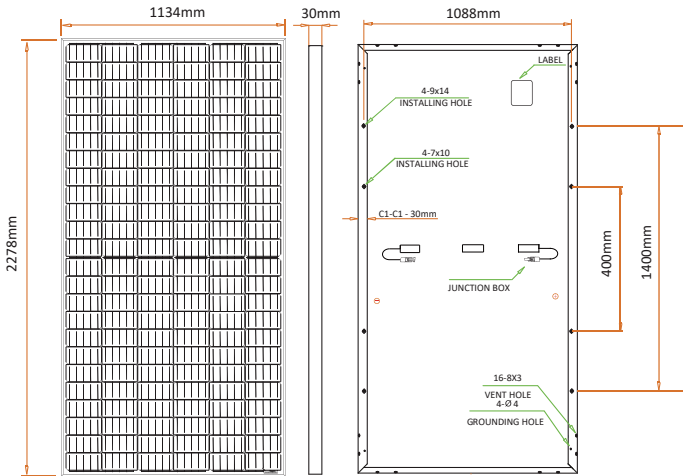


25-Year excess linear power output warranty

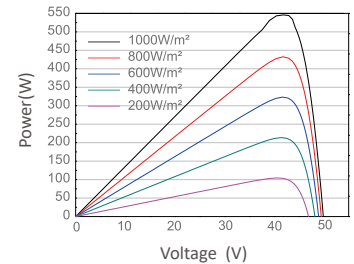
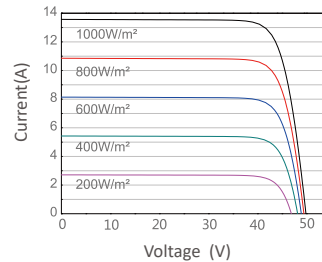


RS6-550~560M-E3

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Drawing Only for Reference



Electrical Characteristics STC	RS6-550M-E3	RS6-555M-E3	RS6-560M-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	RS6-535M-E3	RS6-555M-E3	RS6-560M-E3
Maximum Power (Pmax)	411.1W	414.8W	418.6W
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.

Mechanical Characteristics

Cell Type	MonoP-Type, 182x182(±1)mm, 144(6x24)Half-Cut cells
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	2278x1134x30mm
Output Cable	4 mm ² (EU), 1200mm
Weight	27kg
Installation Hole Location	See Drawing Above

Packing Information

Container	40' HQ
Pallets per Container	20
Pieces per Container	720

Characteristics

Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	+0.048%/°C
Temperature Coefficient of Pmax	-0.35%/°C
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°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

