

MONO-FACIAL MODULE

RS8-605~610M-E1

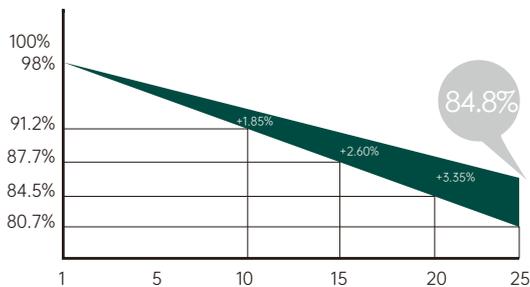
P-Type /Positive power tolerance of 0~+3%/Max module efficiency 21.55%

- 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



Complete System and IEC Product Certification

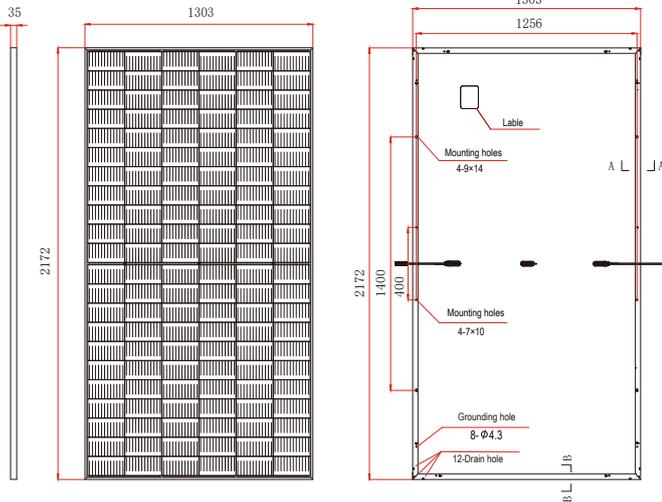
IEC 61215(2016), IEC 61730(2016) ISO9001: 2015: Quality Management System ISO14001: 2015: Environment Management System ISO45001:2018: Occupational Health and Safety Management System



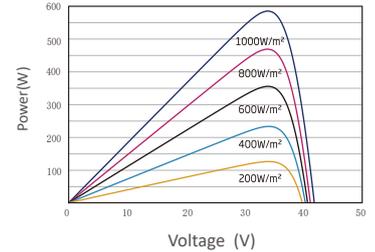
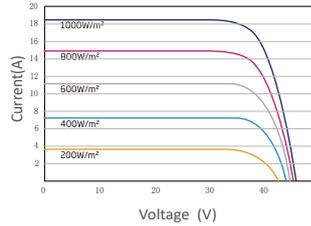
25-Year excess linear power output warranty



RS8-605~610M-E1 MONO-FACIAL MODULE



Drawing Only for Reference



Electrical Characteristics STC	RS8-605M-E1	RS8-610M-E1
Maximum Power (Pmax)	605W	610W
Power Tolerance	0~+5W	0~+5W
Module Efficiency	21.38%	21.55%
Maximum Power Current (Imp)	17.35A	17.40A
Maximum Power Voltage (Vmp)	34.90V	35.10V
Short Circuit Current (Isc)	18.41A	18.48A
Open Circuit Voltage (Voc)	41.90V	42.11V

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

Electrical Characteristics NMOT	RS8-605M-E1	RS8-610M-E1
Maximum Power (Pmax)	458W	462W
Maximum Power Current (Imp)	14.16A	14.20A
Maximum Power Voltage (Vmp)	32.34V	32.54V
Short Circuit Current (Isc)	15.06A	15.11A
Open Circuit Voltage (Voc)	38.87V	39.04V

NMOT(Nominal module operating temperature) , Irradiance of 800W/m, AM1.5, Ambient Temperature 20 °C, wind Speed 1m/s.

Mechanical Characteristics

Cell Type	MonoP-Type,210x210(±1)mm,120(6x20)Half-Cut cells
Glass	3.2mm,High Transmission,Low Iron,Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	2172×1303×35mm
Output Cable	4 mm2 (EU),300 mm,length can be customized
Weight	31.5kg
Installation Hole Location	See Drawing Above

Packing Information

Container	40' HQ
Pallets per Container	18
Pieces per Container	558

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)	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	30A

