

SATURN 2

SOLAR DEPOT

MONO-FACIAL MODULE

RS2-350~375M-E3

P-Type /Positive power tolerance of 0~+3%/Max module efficiency 20.59%

- 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

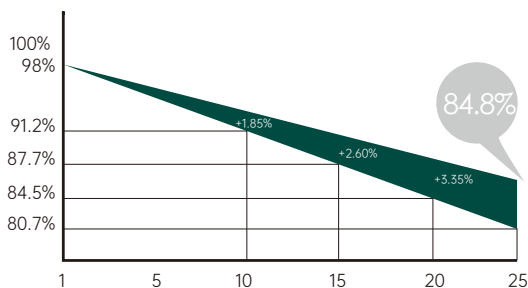


Complete System
and IEC Product Certification

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

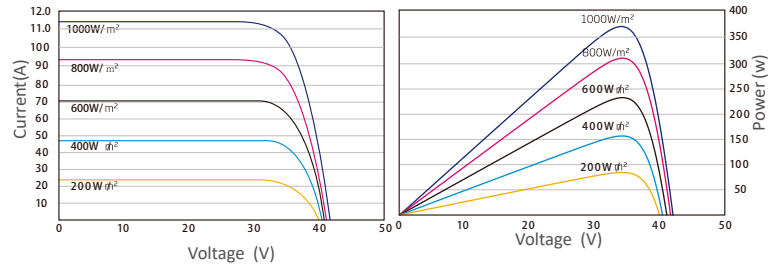
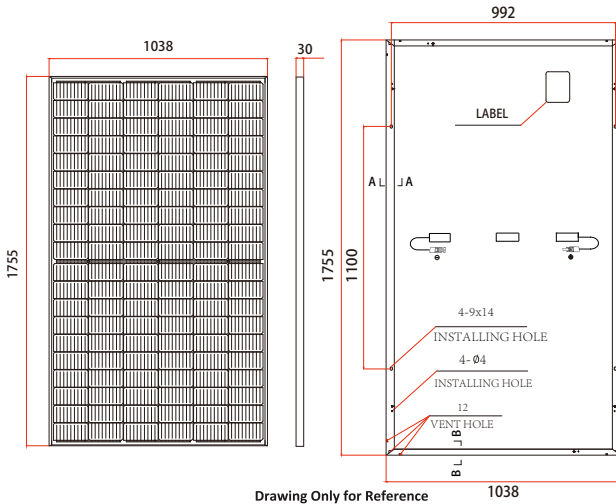


25-Year excess linear power output warranty



RS2-350~375M-E3

MONO-FACIAL MODULE



Electrical Characteristics STC	RS2-350M-E3	RS2-355M-E3	RS2-360M-E3	RS2-365M-E3	RS2-370M-E3	RS2-375M-E3
Maximum Power (Pmax)	350W	355W	360W	365W	370W	375W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	19.21%	19.49%	19.76%	20.04%	20.31%	20.59%
Maximum Power Current (Imp)	10.58A	10.64A	10.70A	10.76A	10.82A	10.89A
Maximum Power Voltage (Vmp)	33.00V	33.30V	33.60V	33.90V	34.20V	34.40V
Short Circuit Current (Isc)	11.01A	11.09A	11.17A	11.25A	11.32A	11.41A
Open Circuit Voltage (Voc)	40.50V	40.70V	40.90V	41.10V	41.30V	41.50V

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

Electrical Characteristics NOCT	RS2-350M-E3	RS2-355M-E3	RS2-360M-E3	RS2-365M-E3	RS2-370M-E3	RS2-375M-E3
Maximum Power (Pmax)	263W	267W	271W	275W	279W	283W
Maximum Power Current (Imp)	8.48A	8.54A	8.60A	8.65A	8.71A	8.77A
Maximum Power Voltage (Vmp)	31.10V	31.30V	31.50V	31.80V	32.00V	32.20V
Short Circuit Current (Isc)	8.96A	9.00A	9.06A	9.10A	9.16A	9.23A
Open Circuit Voltage (Voc)	37.70V	38.00V	38.30V	38.60V	38.90V	39.10V

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

Mechanical Characteristics

Cell Type	MonoP-Type,166x166(±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	1755×1038×30mm
Output Cable	4 mm ² (EU),300 mm,length can be customized
Weight	20kg
Installation Hole Location	See Drawing Above

Packing Information

Container	40' HQ
Pallets per Container	26
Pieces per Container	936

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	20A