

Authorized Distributor of:



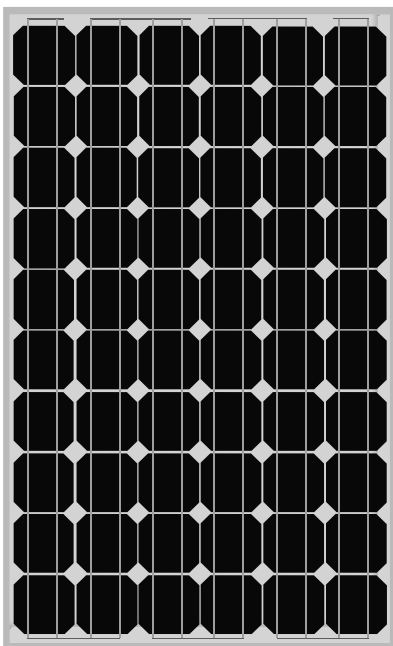
Monocrystalline Solar Module
 RF-240M 60 Series-220/225/230/235/240/245/250
 Number of Cells: 60 (6 x 10) | Dimensions: 1650 x 992 x 45mm

PRODUCT ADVANTAGE

- ◆ High efficient solar cells with high transmission deliver excellent module performance, minimizing installation costs and maximizing the kWh output of your system per unit area.
- ◆ 0-5 W Tolerances ensures to provide customers with maximum power output.
- ◆ Entire module certificated to withstand high wind loads and snow loads (5400 Pa).
- ◆ Excellent performance under low light environments.
- ◆ Positive tolerance according to the customer's requirements.

WARRANTY

12 years materials and workmanship warranty.
 27 years performance guarantees.
 (90%~92% up to 15 years, 80%~82% up to 27 years)



PRODUCT APPLICATION

- ◆ On-grid utility systems.
- ◆ On-grid commercial systems.
- ◆ Off-grid ground mounted systems.

QUALITY CERTIFICATIONS

- ◆ ISO 9001:2008, ISO14001, OHSAS1800 (Quality Management System) certified factory.
 IEC 61215, IEC 61730 certified products.



ELECTRICAL DATA

	RF-220M 60	RF-225M 60	RF-230M 60	RF-235M 60	RF-240M 60	RF-245M 60	RF-250M 60
Maximum Power at STC (Pmax)	220 W	225 W	230 W	235 W	240 W	245 W	250 W
Optimum Operating Voltage (Vmp)	29,5 V	29,7 V	29,9 V	30 V	30,2 V	30,48 V	30,74 V
Optimum Operating Current (Imp)	7,46 A	7,57 A	7,69 A	7,83 A	7,95 A	8,04 A	8,15 A
Open Circuit Voltage (Voc)	36,9 V	37 V	37,1 V	37,2 V	37,3 V	37,31 V	37,41 V
Short Circuit Current (Isc)	7,97 A	8,08 A	8,2 A	8,31 A	8,45 A	8,53 A	8,61 A
Module Efficiency	13,44%	13,74%	14,05%	14,36%	14,66%	14,97%	15,27%
Operating Module Temperature	-40~+85°C for 200 cycles						
Maximum System Voltage	DC 600 V (UL)/DC 1000 V (IEC)						
Max. Series Fuse	15 A						
Power Tolerance	0~+5 W						

STC: Irradiance 1000 W/m², modules temperature 25°C, AM= 1.5 ; Efficiency reaches up to 15.27%

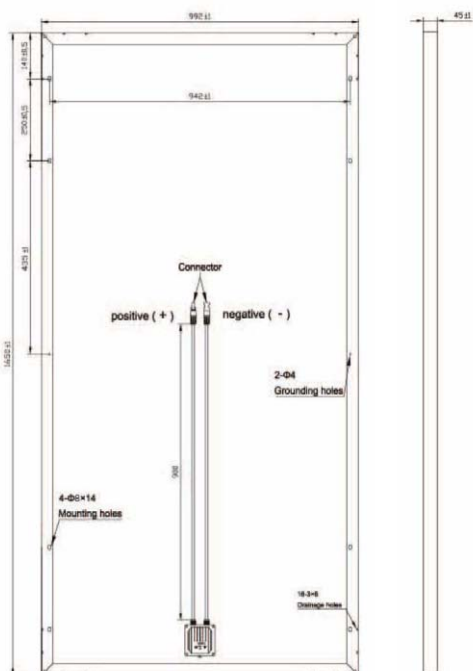
MECHANICAL DATA

Solar Cell	156 x 156 Mono
Number of Cells	60 (6 x 10)
Dimensions	1650 x 992 x 45 mm
Weight	19 kg
Frame	Anodized aluminium alloy
Junction Box	IP65 rated
Cable Size	900mm, 4.0 mm ²

TEMPERATURE CHARACTERISTICS

Power Temperature Coefficient	-0.45%/°C
Current Temperature Coefficient	0.05%
Voltage Temperature Coefficient	-0.34%/°C
Ambient Temperature	46±2°C
Surface Maximum Load Capacity	5400 Pa
Max. Hailstone Impact (mass/velocity)	540 kg/m ²
Maximum Wind Resistance	130 km/h

Physical Characteristics



PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces per pallet	23	23
Pallet per container	14	28
Pieces per container	322	644

Electrical Characteristics

