

# RHM60-156M | RHM72-156M

## 300 – 325W | 365 – 385W

### KEY FEATURES



PID resistant



Positive power tolerance to +5W<sub>p</sub>



Excellent module efficiency  
System Voltage 1000V/1500V



100% electroluminescence



Design Load/Safety Factors:  
3600Pa/1.5 (donward) 1600Pa/1.5 (upward)



IP67 junction box for long term endurance

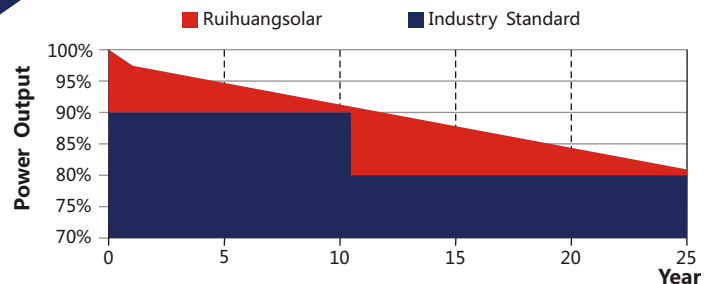


10 years product warranty



25 years linear power warranty

### LINEAR PERFORMANCE WARRANTY



### MANAGEMENT SYSTEMS & PRODUCT CERTIFICATES



Management System  
ISO9001:2015  
www.tuv.com  
ID 9105016347



Management System  
ISO9001:2015  
ISO14001:2015  
OHSAS18001:2007



### JIANGXI RUIHUANG NEW ENERGY AND SCIENCE CO.,LTD.

It is a high-tech PV enterprise dedicated to research & development, production, sales & after sales service, mainly engaged in crystalline silicon solar cells, solar panels, photovoltaic systems, and PV applications. Ruihuangsolar is committed to offer high quality solar components, systems and services to customers around the world.

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# RHM60-156M | RHM72-156M

## 300 – 320W | 365 – 385W

### ELECTRICAL CHARACTERISTICS

	RHM60-156M					RHM72-156M				
Maximum Power P <sub>mp</sub> , [Watt]	300	305	310	315	320	365	370	375	380	385
Power Tolerance, [W]	0 / +5									
Voltage at Maximum Power Point V <sub>mpp</sub> , [V]	31.90	32.10	32.30	32.50	32.70	38.70	38.90	39.10	39.30	39.50
Current at Maximum Power Point I <sub>mpp</sub> , [A]	9.41	9.50	9.60	9.69	9.79	9.43	9.51	9.59	9.67	9.75
Open Circuit Voltage V <sub>oc</sub> , [V]	39.30	39.50	39.70	39.90	40.10	47.50	47.70	47.90	48.10	48.30
Short Circuit Current I <sub>sc</sub> , [A]	9.75	9.82	9.91	10.00	10.09	9.78	9.82	9.85	9.89	9.95
Module Efficiency, [%]	18.3	18.6	18.9	19.2	19.6	18.8	19.1	19.3	19.6	19.8

Measurements under Standard Test Conditions (STC)  
Irradiance 1000W/m<sup>2</sup>, AM1.5G Spectrum and Cell Temperature 25°C

### MECHANICAL CHARACTERISTICS

Cell Type	Mono-crystalline, 156.75mm × 156.75mm / 157mm × 157mm
Cell Configuration	60 cells (6 × 10) / 72 cells (6 × 12)
Module Dimension	1650mm × 992mm × 35mm / 1956mm × 992mm × 40mm
Module Weight	18.5 Kg / 21.5 Kg
Glass	3.2mm, low Iron tempered Solar Glass
Frame	Anodized Al alloy Type 6063 T5; Sliver grey
J-Box	Potted, IP67, 1000V / 1500V DC, IEC & UL certified
Cable	4.0mm <sup>2</sup> / 12 AWG, 900 mm, IP67
Connectors	QC4.10

### THERMAL CHARACTERISTICS

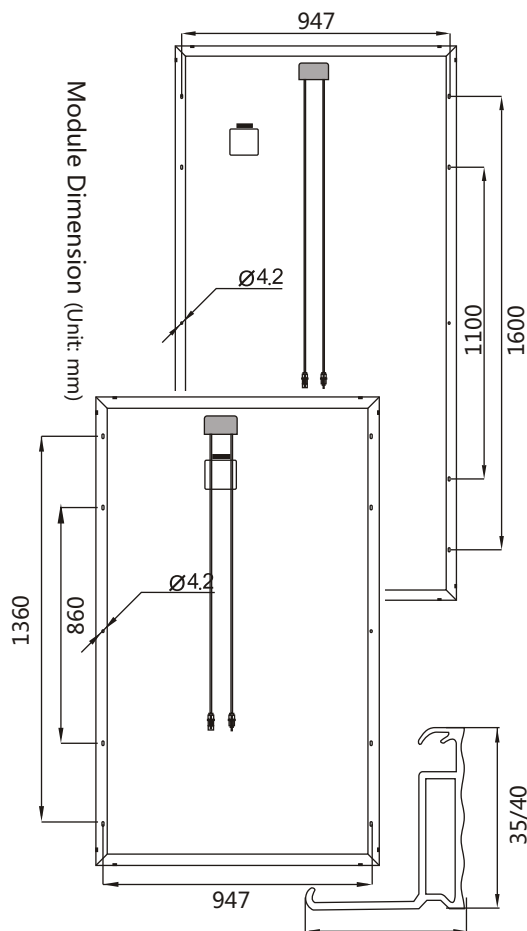
Nominal Operating Temperature NOCT	45 ± 2°C
Temperature Coefficient of I <sub>sc</sub> , α	+0.06 %/°C
Temperature Coefficient of V <sub>oc</sub> , β	-0.34 %/°C
Temperature Coefficient of P <sub>max</sub> , γ	-0.41 %/°C

### MAXIMUM OPERATING INSTRUCTIONS

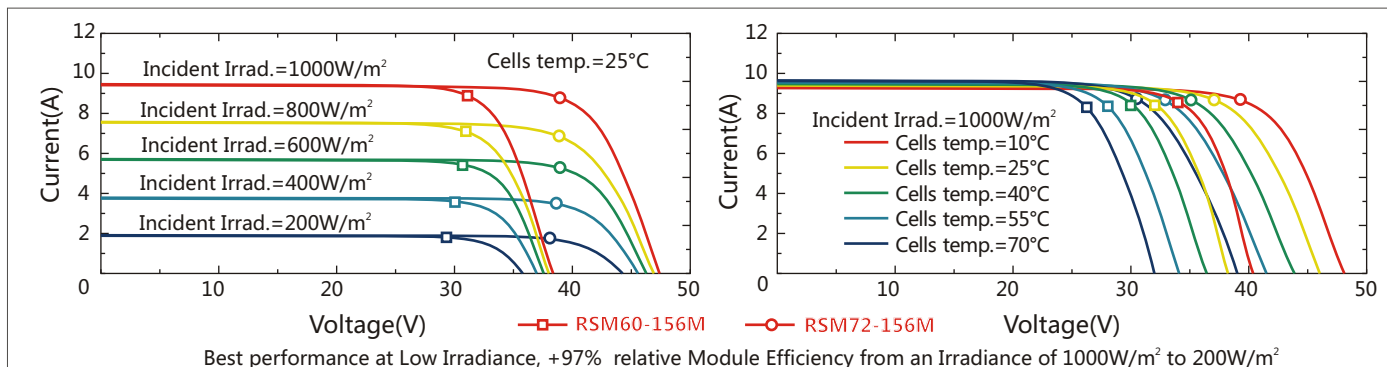
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V / 1500V
Maximum Series Fuse Rating	15A

### PACKING INSTRUCTIONS

Number Of Modules Per Box / Pallet	30 / 27
Number of Pallets / 40' Container	28 / 24



Frame Dimension (Unit: mm) 35



**DISCLAIMER:** Specifications included in the datasheet are subject to change without prior notice owing to continuous innovation on the Product Development and R&D activities. Ruihuang solar reserves the right to make any adjustment to the information described here. Dataset contained in this specification do not form a representative of a single module's data.