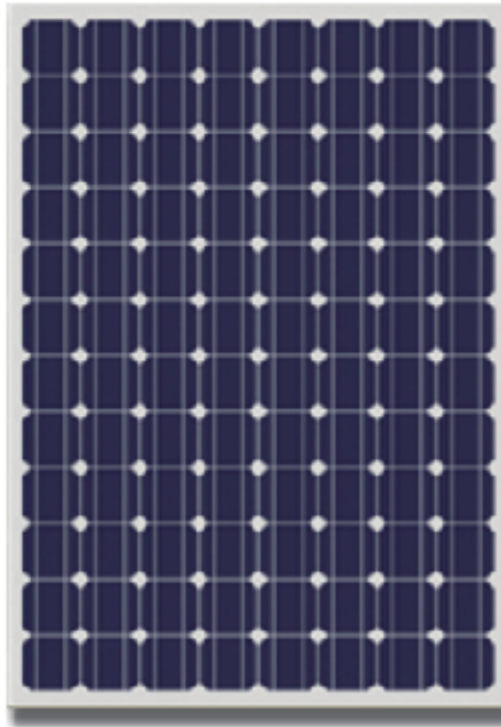


**210/215/220/225/230/235/240/245/250 W**  
**Mono 210-250 Watt**



Established in 2009, Jiangsu Runner PV Technology Co., Ltd. is specialized in manufacturing PV cells and modules as well as the application of PV systems.

**RN250M-125 Series**  
**MONO CRYSTALLINE MODULE**



**KEY FEATURES**

Our solar cells offer high conversion efficiency to ensure high quality. Our high performing modules have an industry low tolerance of +/-3%. Can withstand high wind-pressure, snow load and extreme temperature. Passed IEC 5400 Pa mechanical loading test.

**QUALITY&SAFETY**

Power output warranty(10/90%,25/80%)  
 5-year warranty on product materials and processing technology  
 ISO 9001:2008(Quality Management System) certified factory  
 IEC61215、IEC61730 certified products

**APPLICATIONS**

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power plants
- Off-grid system
- Other on-grid applications



**Sales Department**

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 E-mail: Anna@runner-pv.com

**Typical Data at Standard Test Conditions (STC)**

| Module Type                |     | RN210M-125 | RN215M-125 | RN220M-125 | RN225M-125 | RN230M-125 | RN235M-125 | RN240M-125 | RN245M-125 | RN250M-125 |
|----------------------------|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Nominal Peak Power         | [W] | 210        | 215        | 220        | 225        | 230        | 235        | 240        | 245        | 250        |
| Power Tolerance            | [%] | +/- 3      | +/- 3      | +/- 3      | +/- 3      | +/- 3      | +/- 3      | +/- 3      | +/- 3      | +/- 3      |
| Peak Power Voltage         | [V] | 47         | 47         | 47.5       | 47.5       | 48         | 48         | 48.5       | 48.5       | 49         |
| Peak Power Current         | [A] | 4.47       | 4.57       | 4.63       | 4.74       | 4.79       | 4.89       | 4.95       | 5.05       | 5.1        |
| Open Circuit Voltage       | [V] | 57.3       | 57.3       | 58         | 58         | 58.6       | 58.6       | 59.2       | 59.2       | 59.8       |
| Short Circuit Current      | [A] | 4.82       | 4.94       | 5          | 5.07       | 5.15       | 5.23       | 5.32       | 5.45       | 5.51       |
| Maximum System Voltage [V] |     | 1000       |            |            |            |            |            |            |            |            |

STC: Standard Test Conditions; 1000W/m<sup>2</sup>, 25°C, AM 1.5

**Thermal Characteristics**

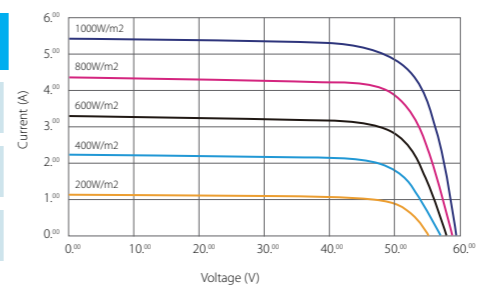
|   |                    |        |       |
|---|--------------------|--------|-------|
| NOCT (Nominal Operating Cell Temperature) | °C                 | 48±2°C |       |
| Temperature Coefficient I <sub>sc</sub>   | TK I <sub>sc</sub> | 0.04   | [%/K] |
| Temperature Coefficient V <sub>oc</sub>   | TK V <sub>oc</sub> | -0.33  | [%/K] |
| Temperature Coefficient P <sub>mp</sub>   | TK P <sub>mp</sub> | -0.43  | [%/K] |

**Mechanical Characteristics**

|                                    |                                  |  |  |
|------------------------------------|----------------------------------|--|--|
| Dimensions (L / W / H)             | 1575×1082×50mm                   |  |  |
| Weight [KG]                        | 21.5                             |  |  |
| Front cover (material / thickness) | low-iron tempered glass, 3.2mm   |  |  |
| Cells                              | monocrystallines 125×125mm/96pcs |  |  |
| Encapsulation materials            | Ethylene Vinyl Acetate (EVA)     |  |  |
| Rear cover(Material/thickness[mm]) | TPT                              |  |  |
| Frame (material)                   | robust anodized aluminum alloy   |  |  |

**Current-Voltage Curve (240M-125)**

|               |            |
|---------------|------------|
| Efficiency:   | up to 14.2 |
| Max. Wattage: | 241 W      |
| Guarantee:    | 25 years   |



**Operating Conditions**

|             |                |
|-------------|----------------|
| Temperature | -40°C to +90°C |
| Max. Load   | 5400 Pa        |

**Packaging Configuration**

|                  |              |              |
|------------------|--------------|--------------|
| Quantity/Pallet  | 19pcs/pallet | 21pcs/pallet |
| Loading Quantity | 228pcs/20'gp | 588pcs/40'gp |

**Warranty**

Warranty: 25 years power warranty, 5 years product warranty. More details are available in our Warranty conditions.

