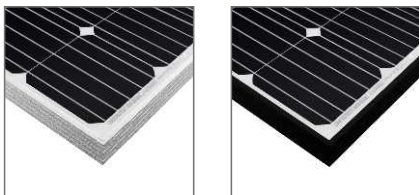
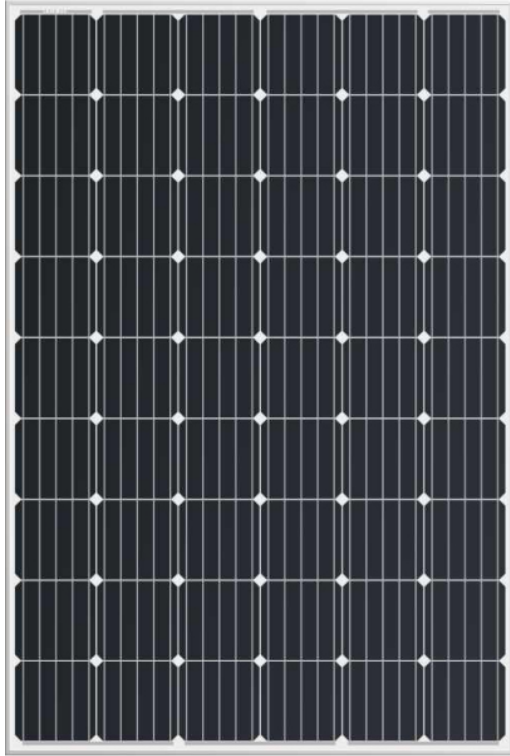




IGNITE THE POWER OF NATURE

Monocrystalline Module
250Watt



Model (RD250M6) Specifications

Electrical Data

| | |
|--------------------------------|-------------|
| Maximum Power(W) | 250 |
| Optimum Power Voltage(Vmp) | 28.59 |
| Optimum Operating Current(Imp) | 8.74 |
| Open Circuit Voltage(Voc) | 34.62 |
| Short Circuit Current(Isc) | 8.84 |
| Cell Efficiency (%) | 19.41 |
| Module Efficiency (%) | 16.97 |
| Tolerance Wattage(%) | ±3 |
| NOCT | 47°C +/-2°C |

Temperature Coefficients

| | |
|------------------------------------|-------|
| Temperature Coefficients of Isc(%) | +0.04 |
| Temperature Coefficients of Voc(%) | -0.35 |
| Temperature Coefficients of Pm(%) | -0.45 |
| Temperature Coefficients of Im(%) | +0.04 |
| Temperature Coefficients of Vm(%) | -0.35 |

Components & Mechanical Data

| | |
|-------------------------------|---------------------------------|
| Solar Cell | 156.75*156.75 Mono |
| Number of Cell(pcs) | 6*9 |
| Size of Module(mm) | 1485*992*40 |
| Front Glass Thickness(mm) | 3.2 |
| Surface Maximum Load Capacity | 2400-5400Pa |
| Allowable Hail Load | 23m/s ,7.53g |
| Weight Per Piece(KG) | 18.0 |
| Junction Box Type | Pass the TUV Certificate |
| Bypass Diode Rating(A) | 30 |
| Cable & Connector Type | Pass the TUV Certificate |
| Frame(Material Corners,etc.) | 40# |
| Temperature Range | -40°C to +85°C |
| FF (%) | 70-76% |
| Standard Test Conditions | AM1.5 1000W/m ² 25°C |

Benefits



Modules sorted by current,
optimizing system power
generation

High Efficiency

Stable Power



Low Carbon Emission



Excellent Weather
Resistance

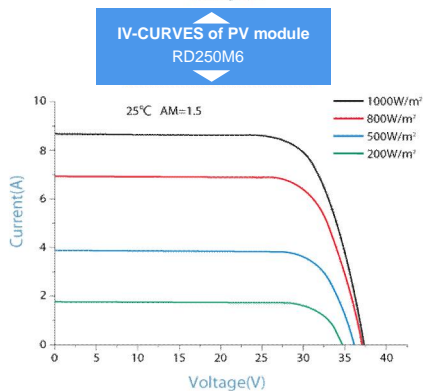
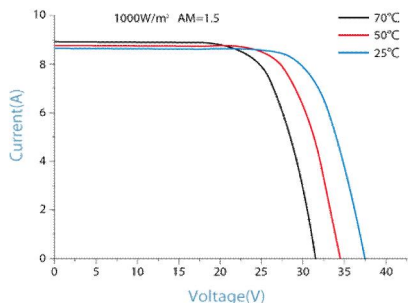




IGNITE THE POWER OF NATURE

Monocrystalline Module 250Watt

IV-Curves



Warranty & Certifications

| | |
|----------------|-----------------------------------|
| Warranty | 25 years limited power warranty |
| | 10 years limited product warranty |
| Certifications | IEC 61215, IEC 61730 |

Packing

| | |
|---------|----------------------------|
| Packing | 2PCS/CTN or Pallet Packing |
|---------|----------------------------|

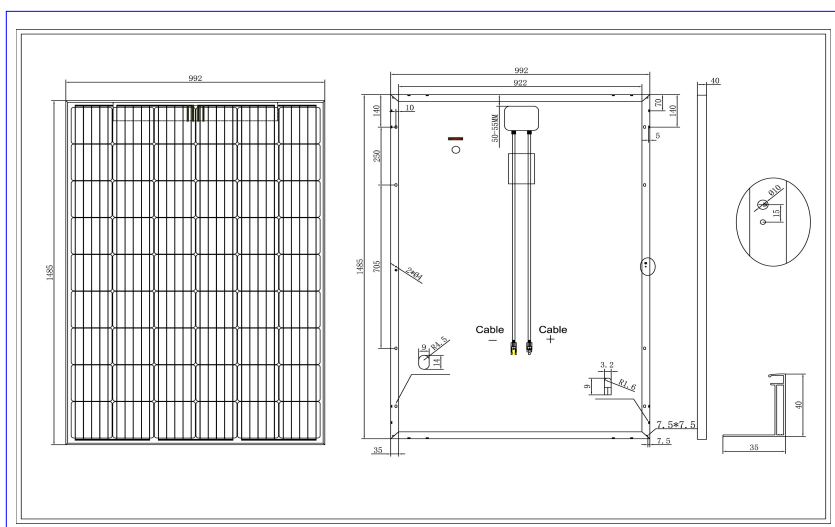
Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power stations
- Other on-grid applications

Project Picture



Engineering Drawings



Manufacturing facility certified to **ISO 9001 / ISO 14001 / OHSAS 18001** quality management system standards.

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Specifications included in this datasheet are subject to change without notice.

NINGBO RENELED NEW ENERGY CO.,LTD.

ADD: No. 35 Jintong Road, Binhai Industrial Park, Xiangshan County, Ningbo, 315700, China

TEL: 0086 (0)574 65893072

FAX: 0086 (0)574 65786317

