

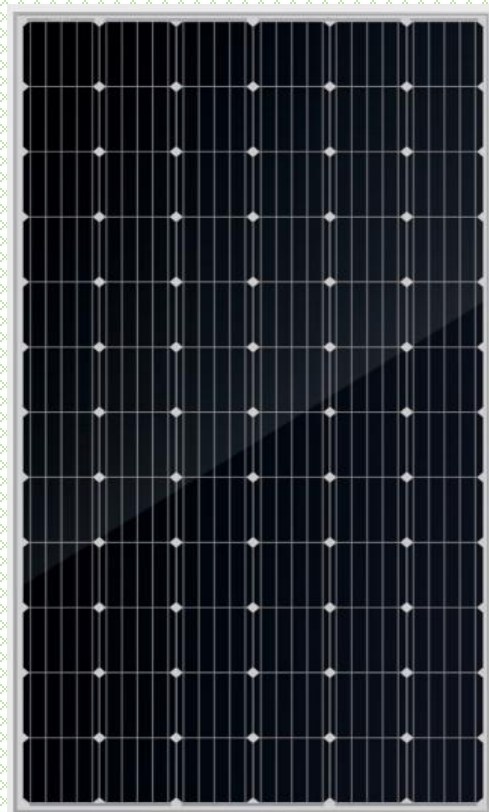


## Mono-crystalline 156.75(5BB) Solar Module

**RD340M2 (72 Cells)**

**340Wp Output Power**

**Max system voltage 1500V standard**



### Key Features

- Outstanding Performance in weak-light conditions
- Excellent temperature coefficient
- 0~+5W positive tolerance guarantee reliable power output
- Shortened current collection, path, low series resistance
- More uniform stress distribution, higher anti-crack ability
- Excellent anti-PID module design
- Certified to withstand high wind loads(2400pa) and snow loads(5400pa) of the latest standard test of module mechanical load
- Salt mist and ammonia corrosion resistant

### Quality & Environment Certification System

ISO 9001:2015 Quality management systems



ISO 14001:2015 Environment management systems



OHSAS 18001:2007 Occupational health and safety management systems



IEC61215

IEC61730

UL1703

IEC61701

IEC62716

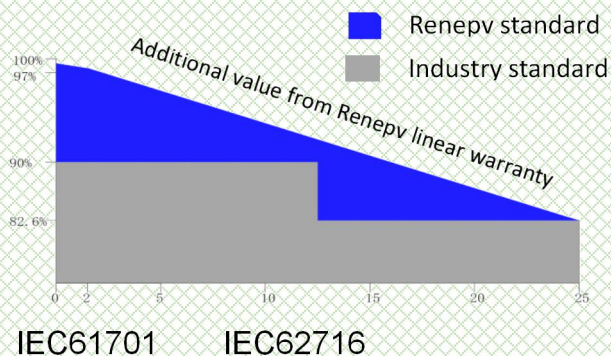
### Linear Warranty For Module

12

12-year materials and workmanship Warranty

25

25-year linear performance Warranty



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| Module Type           | RD340M2 |       |
|-----------------------|---------|-------|
| Power output          | W       | 340   |
| Module efficiency     | %       | 17.52 |
| Voltage at Pmax       | V       | 37.72 |
| Current at Pmax       | A       | 9.01  |
| Open circuit voltage  | V       | 45.96 |
| Short circuit current | A       | 9.39  |

### Electrical Data (NOCT)

| Module Type           | RD340M2 |       |
|-----------------------|---------|-------|
| Power output          | W       | 254.4 |
| Voltage at Pmax       | V       | 34.53 |
| Current at Pmax       | A       | 7.48  |
| Open circuit voltage  | V       | 41.97 |
| Short circuit current | A       | 8.60  |

## Mechanical Data

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Cell (quantity)                        | Mono156.75×156.75 72pcs(6*12)   |
| Sealing material                       | EVA                             |
| Back sheet                             | White sheet                     |
| Front Cover (material / thickness)     | low-iron tempered glass / 3.2mm |
| Frame material                         | anodized aluminum alloy         |
| Junction box (protection degree)       | ≥ IP67 with bypass-diode        |
| Cable (length / cross sectional area)  | 900MM-Section4.0mm²/TUV         |
| Plug connector(type/protection degree) | MC4 / IP67                      |
| Fire Safety Classification (IEC 61730) | Class C                         |

|                                             |        |         |
|---------------------------------------------|--------|---------|
| Nominal operating cell temperature          | NOCT   | 44℃±2℃  |
| Temperature coefficient of P <sub>max</sub> | δ[%/℃] | -0.370  |
| Temperature coefficient of V <sub>oc</sub>  | β[%/℃] | -0.304  |
| Temperature coefficient of I <sub>sc</sub>  | α[%/℃] | 0.046   |
| Maximum system voltage (IEC)                | VDC    | 1500    |
| Maximum series fuse rating                  | A      | 20      |
| Operating & Storage temperature             | ℃      | -40~+85 |

|                  |               |
|------------------|---------------|
| Module Dimension | 1956×992×40mm |
| Weight           | 20.2 kg       |

[illegible]

The figure consists of two vertically stacked line graphs. The top graph shows the relationship between Current (A) and Power (W) on the y-axis and Voltage (V) on the x-axis for different power densities. The y-axis has two scales: Current (A) from 0 to 12 and Power (W) from 0 to 390. The x-axis ranges from 0 to 50 V. Five curves are shown for power densities of 200, 400, 600, 800, and 1000 W/m². Each curve shows a peak in power followed by a sharp decline. The bottom graph shows Current (A) on the y-axis (0 to 10) versus Voltage (V) on the x-axis (0 to 50) for different cell temperatures: 25°C, 35°C, 45°C, 55°C, and 65°C. All curves start at 10 A and show a sharp drop in current as voltage increases beyond 30 V, with higher temperatures leading to a steeper decline at lower voltages.

|              |                 |
|--------------|-----------------|
| packing unit | 30pcs/box       |
| 1*40'HQ      | 22Pallets660pcs |