

# RS6E-150M



Resun Solar Energy Co.,Ltd

## All-Purpose Module

RS6E is a robust solar module with 36 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Resun Solar's modules meet the highest quality standards possible.

## Monocrystalline Silicon Solar Modules

### Features



High module conversion efficiency (up to 15.6%), through superior manufacturing technology



Guaranteed 0- +5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



Excellent performance under low light environments (mornings, evenings and cloudy days)



Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)\*



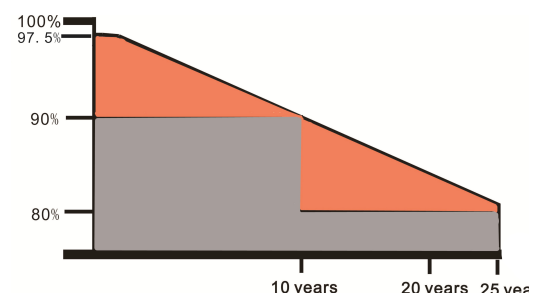
## All-purpose Module

ales network covers more than 20 countries, providing customers with instant after sales service and an efficient supply-chain, our clients can be found throughout the world, such as North America, Europe, Oceania, Eastern Europe, East Asia, Middle Easter and Africa etc. Resun Solar team works closely with our customers to provide them with solutions for all their solar needs.



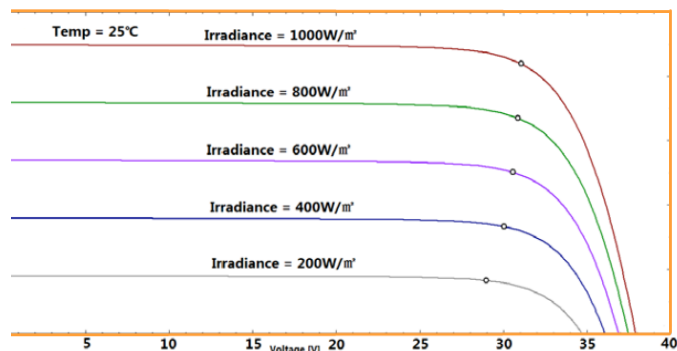
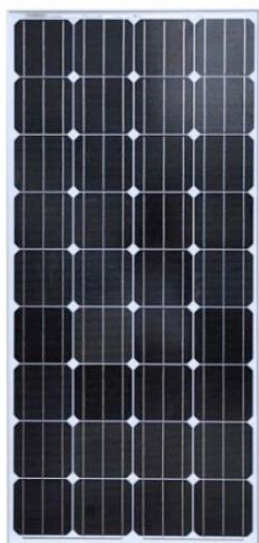
Resun reputation is founded on more than 200MW of high performance solar modules installed around the world.

## Industry-leading warranty



- 25 year transferable power output warranty:10year/90%;25year/80%.
- Based on nominal power.
- 10 year material and workmanship warranty.

# RS6E-150W



## Temperature Characteristics

|                                           |          |
|-------------------------------------------|----------|
| Nominal Operating Cell Temperature (NOCT) | 45±2℃    |
| Temperature Coefficient of Pmax           | -0.43%/℃ |
| Temperature Coefficient of Voc            | -0.34%/℃ |
| Temperature Coefficient of Isc            | 0.065%/℃ |

## Packing Configuration

| Container | 20'GP | 40'HQ |
|-----------|-------|-------|
| Pieces    | 800   | 1600  |

## Electrical Data

| STC                            | RS6E-150W           |
|--------------------------------|---------------------|
| Nominal Maximum Power(Pmax)    | 150W                |
| Optimum Operating Voltage(Vmp) | 18V                 |
| Optimum Operating Current(Imp) | 8.33A               |
| Open CIRCUIT voltage(Voc)      | 22.1V               |
| Short Circuit Current(Isc)     | 9.16A               |
| Operating Temperature          | -40℃~+85℃           |
| Maximum System Voltage         | 1000V(IEC)/600V(UL) |
| Maximum Series Fuse Rating     | 10A                 |
| Application Classification     | Class A             |
| Power Tolerance                | 0 ~ + 5W            |

## Mechanical Data

|                                             |                                            |
|---------------------------------------------|--------------------------------------------|
| Cell Type                                   | Mono-crystalline 156 x 156mm,3/4/5 Bus bar |
| Cell Arrangement                            | 36(4x9)                                    |
| Dimensions                                  | 1487*666*35MM                              |
| Weight                                      | 11.5KG                                     |
| Front Cover                                 | 3.2mm Tempered Glass                       |
| Frame Material                              | Anodized Aluminum Alloy                    |
| J-BOX                                       | IP67                                       |
| Cable                                       | 4mm2(IEC)/12AWG(UL),1150mm                 |
| Connectors                                  | MC4 or MC4 Comparable                      |
| Standard Packaging (Modules per Carton box) | 2pcs                                       |
| Module Pieces per container (40HQ)          | 1600pcs (40'HQ)                            |

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