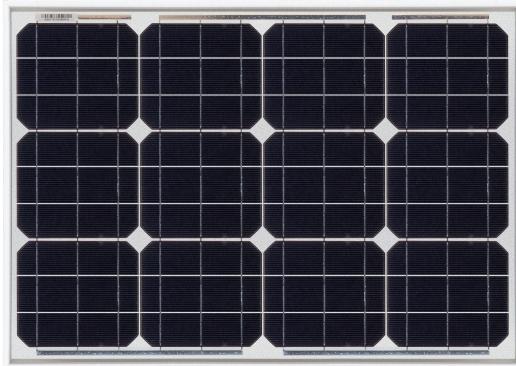




IGNITE THE POWER OF NATURE

## Monocrystalline Module --small size 40Watt

### Model (RD40TU-18MD) Specifications



#### Electrical Data

Maximum Power(W)	40W
Optimum Power Voltage(Vmp)	17.69V
Optimum Operating Current(Imp)	2.26A
Open Circuit Voltage(Voc)	22.54V
Short Circuit Current(Isc)	2.42A
Cell Efficiency	16.56%
Module Efficiency	12.74%
Tolerance Wattage	0~+3%
NOCT	47°C +/-2°C

#### Benefits



- ❑ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- ❑ Bypass diode minimizes the power drop caused by shade;
- ❑ Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- ❑ Modules independently tested to ensure conformance with certification and regulatory standards;
- ❑ Manufacturing facility certified to ISO 9001 quality management system standards.

#### Applications

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

#### Temperature Coefficients

Temperature Coefficients of Isc(%)/°C	+0.04
Temperature Coefficients of Voc(%)/°C	-0.38
Temperature Coefficients of Pm(%)/°C	-0.47
Temperature Coefficients of Im(%)/°C	+0.04
Temperature Coefficients of Vm(%)/°C	-0.38



IGNITE THE POWER OF NATURE

## Monocrystalline Module --small size 40Watt

### Components & Mechanical

Solar Cell	156*44.3(45.7) Mono
Number of Cell(pcs)	4*9
Size of Module(mm)	470*668*28
Front Glass Thikness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	3.8
Frame(Material Corners,etc.)	28#
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25°C

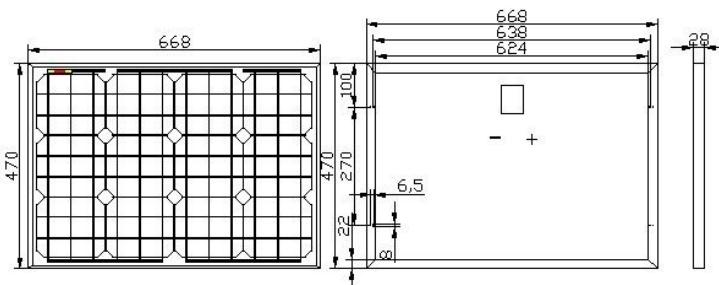
### Packing

Packing	Wooden Box
Pieces per container	60pcs/Pallets

### Project Picture



### Engineering Drawings



©2016 NINGBO RENELED NEW ENERGY CO.,LTD. All rights reserved.  
Specifications included in this datasheet are subject to change without notice.

