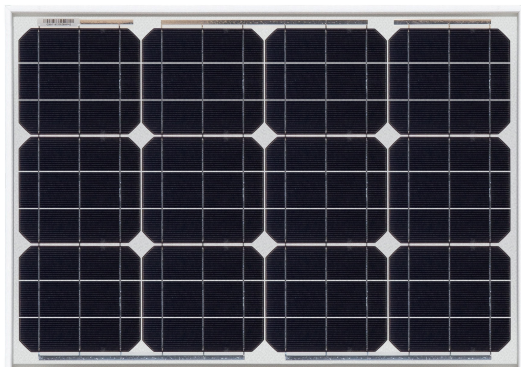




IGNITE THE POWER OF NATURE

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

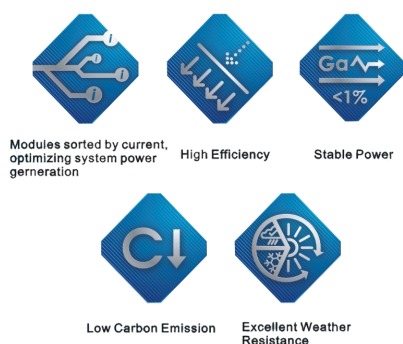
☐ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;

☐ 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 Thickness(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 ² 25°C	

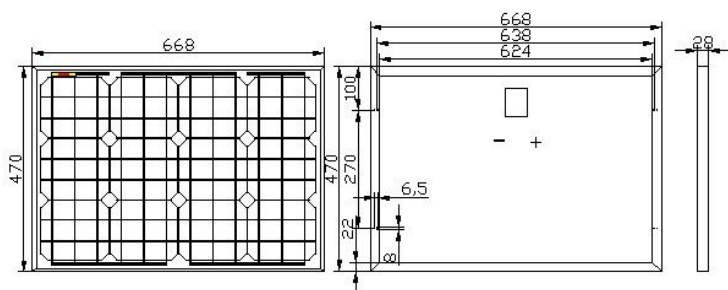
Packing

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.



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