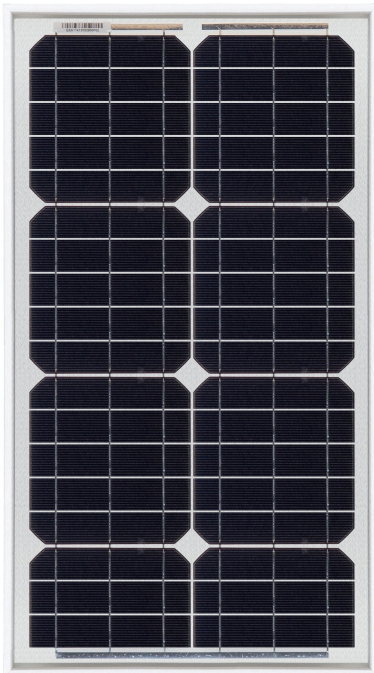




IGNITE THE POWER OF NATURE

Monocrystalline Module --small size 30Watt

Model (RD30TU-18MD) Specifications



Electrical Data

Maximum Power(W)	30W
Optimum Power Voltage(Vmp)	18.57V
Optimum Operating Current(Imp)	1.62A
Open Circuit Voltage(Voc)	22.64V
Short Circuit Current(Isc)	1.73A
Cell Efficiency	17.96%
Module Efficiency	12.65%
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.

Modules sorted by current, optimizing system power generation

High Efficiency

Stable Power <1%

Low Carbon Emission

Excellent Weather Resistance

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 30Watt

Components & Mechanical

Solar Cell	156*30.6(32.1) Mono
Number of Cell(pcs)	2*18
Size of Module(mm)	650*360*28
Front Glass Thikness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	2.9
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

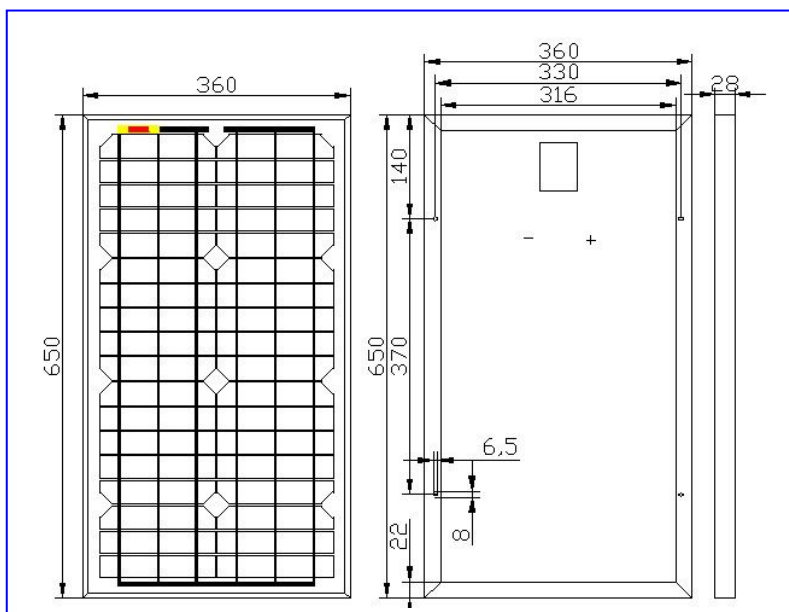
Packing

Packing	Wooden Box
Pieces per container	105pcs/Pallets

Project Picture



Engineering Drawings



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

