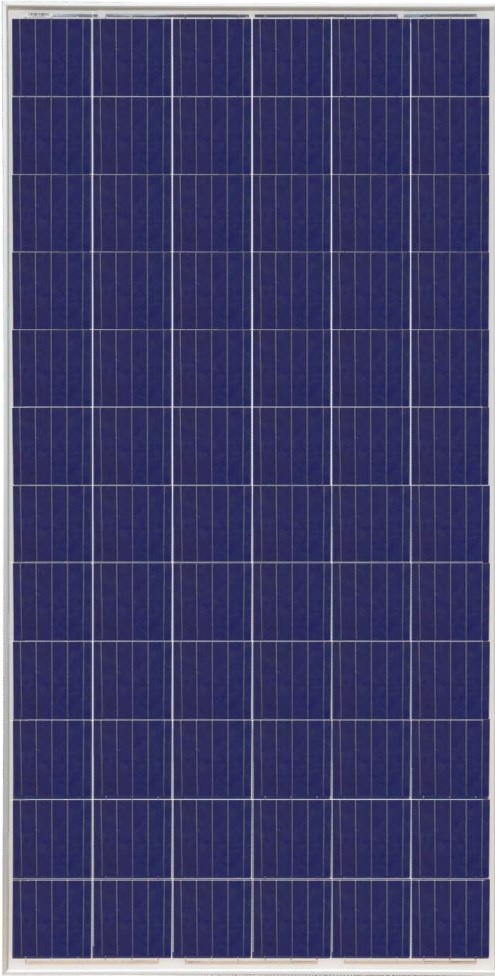




IGNITE THE POWER OF NATURE

Polycrystalline Module
310Watt



Model (RD310TU-36P) Specifications

Electrical Data

Maximum Power(W)	310
Optimum Power Voltage(Vmp)	37.76
Optimum Operating Current(Imp)	8.21
Open Circuit Voltage(Voc)	44.81
Short Circuit Current(Isc)	8.79
Cell Efficiency (%)	18.65
Module Efficiency (%)	16.10
Tolerance Wattage(%)	0 +3
NOCT	47°C +/-2°C

Temperature Coefficients

Temperature Coefficients of Isc(%)	+0.04
Temperature Coefficients of Voc(%)	-0.35
Temperature Coefficients of Pm(%)	-0.45
Temperature Coefficients of Im(%)	+0.04
Temperature Coefficients of Vm(%)	-0.35

Components & Mechanical Data

Solar Cell	156*156 Poly
Number of Cell(pcs)	6*12
Size of Module(mm)	1956*992*40
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400-5400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	22.5
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	30
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m ² 25°C

Benefits



Modules sorted by current,
optimizing system power
generation



High Efficiency



Stable Power



Low Carbon Emission



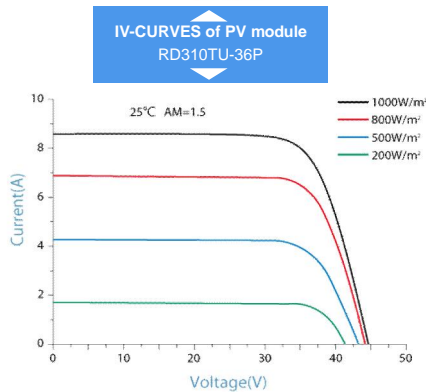
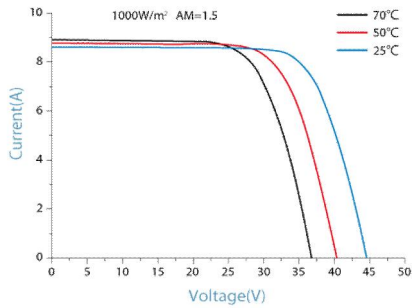
Excellent Weather
Resistance



IGNITE THE POWER OF NATURE

Polycrystalline Module 310Watt

IV-Curves



Packing

Packing	Carton Box
1*20'	12pallets/292pcs
1*40'HQ	24pallets/616pcs

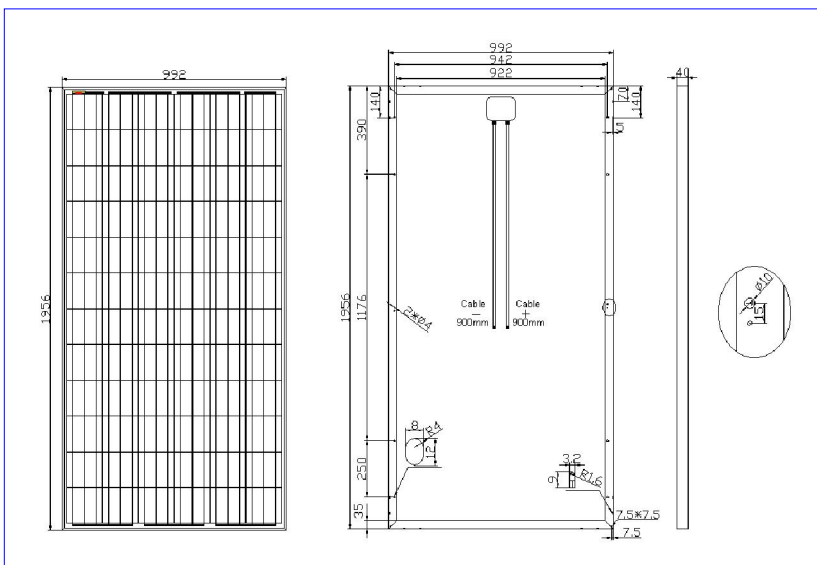
Applications

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

Project Picture



Engineering Drawings



Manufacturing facility certified to **ISO 9001 / ISO 14001 / OHSAS 18001** quality management system standards.

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

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