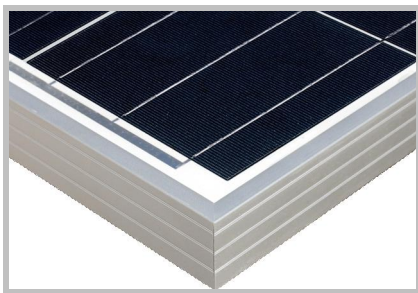




IGNITE THE POWER OF NATURE

Polycrystalline Module  
320Watt



## Model (RD320TU-36P) Specifications

### Electrical Data

Maximum Power(W)	320
Optimum Power Voltage(Vmp)	38.12
Optimum Operating Current(Imp)	8.39
Open Circuit Voltage(Voc)	45.15
Short Circuit Current(Isc)	8.98
Cell Efficiency (%)	18.63
Module Efficiency (%)	16.49
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 <sup>2</sup> 25°C

### Benefits



Modules sorted by current, optimizing system power generation



High Efficiency



Stable Power



Low Carbon Emission



Excellent Weather Resistance

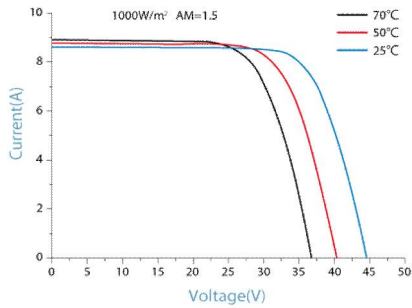




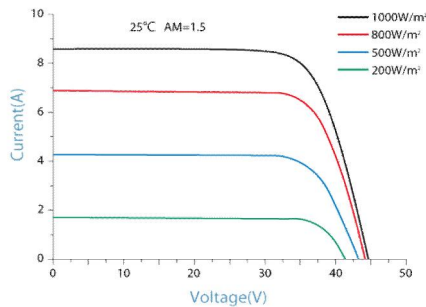
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# Polycrystalline Module 320Watt

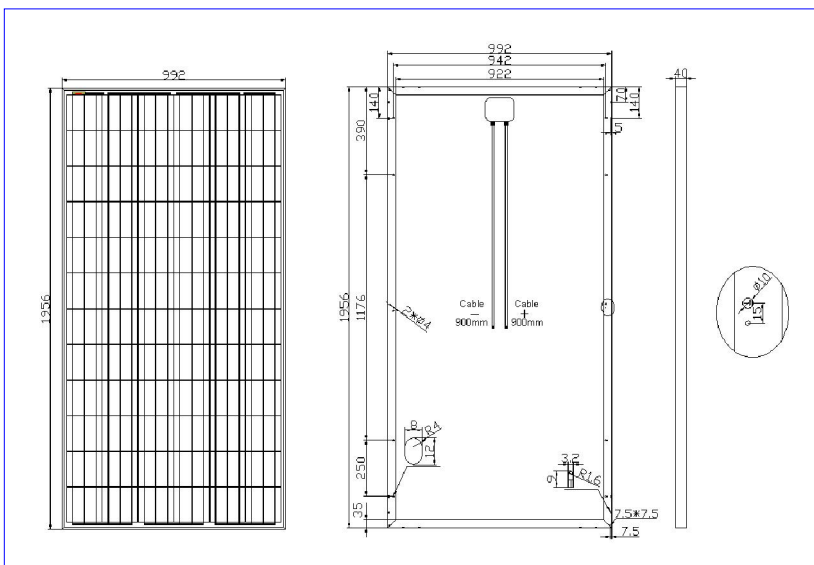
## IV-Curves



IV-CURVES of PV module  
RD320TU-36P



## 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.



## Warranty & Certifications

Warranty	25 years limited power warranty
	10 years limited product warranty
Certifications	IEC 61215, IEC 61730

## Packing

Packing	27PCS/Big Box/Pallet
1*20'	10Pallets/270PCS

## Applications

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

## Project Picture



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