

## Model (RD290P6) Specifications

### Electrical Data

Maximum Power(W)	290
Optimum Power Voltage(Vmp)	31.64
Optimum Operating Current(Imp)	9.17
Open Circuit Voltage(Voc)	37.65
Short Circuit Current(Isc)	9.56
Cell Efficiency (%)	20.26
Module Efficiency (%)	17.83
Tolerance Wattage(%)	0~+3
NOCT	47°C +/-2°C

### Temperature Coefficients

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

### Components & Mechanical Data

Solar Cell	156.75*156.75 Poly
Number of Cell(pcs)	6*10
Size of Module(mm)	1640*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)	18.6
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	15
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





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# Polycrystalline Module 290Watt

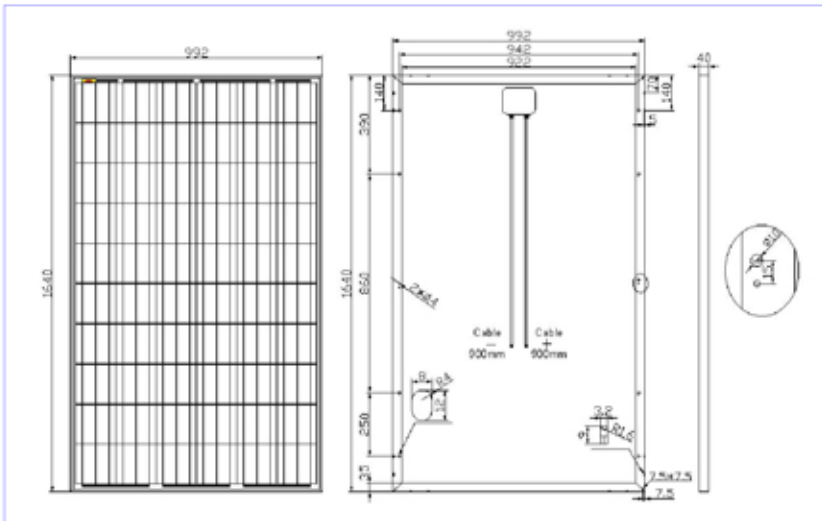
## Warranty & Certifications

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

## Applications

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

## Engineering Drawings



## Project Picture



☐ 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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