



IGNITE THE POWER OF NATURE

Polycrystalline Module
320Watt



Model (RD320P6) Specifications

Electrical Data

Maximum Power(W)	320
Optimum Power Voltage(Vmp)	37.62
Optimum Operating Current(Imp)	8.51
Open Circuit Voltage(Voc)	44.47
Short Circuit Current(Isc)	9.08
Cell Efficiency (%)	18.63
Module Efficiency (%)	16.49
Tolerance Wattage(%)	0 +3
NOCT	47°C +/-2°C

Temperature Coefficients

Temperature Coefficients of Isc(%)	+0.05
Temperature Coefficients of Voc(%)	-0.32
Temperature Coefficients of Pm(%)	-0.41



Components & Mechanical Data

Solar Cell	156.75*156.75 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)	15
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Temperature Range	-40°C to +85°C
FF (%)	70-78%
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

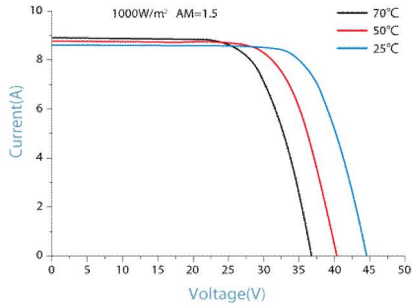




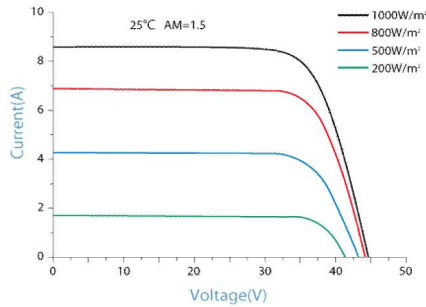
IGNITE THE POWER OF NATURE

Polycrystalline Module 320Watt

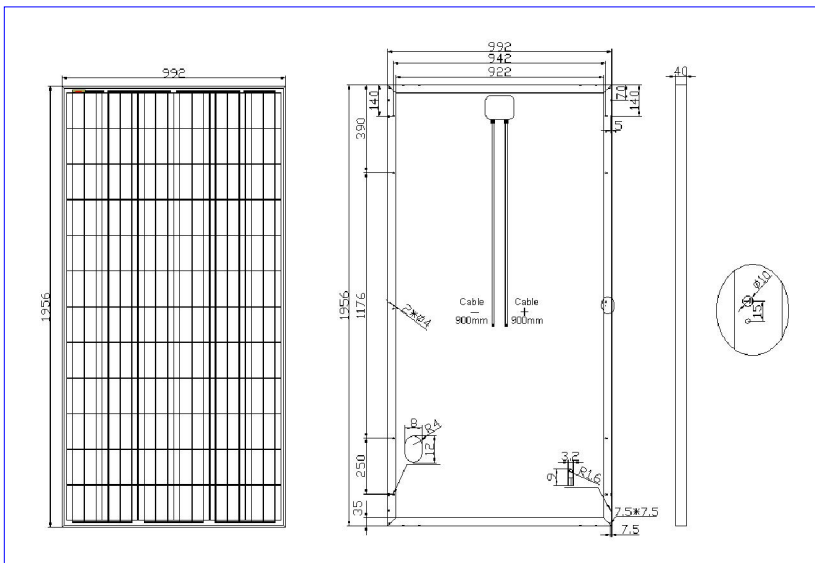
IV-Curves



IV-CURVES of PV module
RD320P6



Engineering Drawings



Warranty & Certifications

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

Packing

Packing	27pcs/cardboard box/pallet
1*20'	10pallets/270pcs
1*40'HQ	22pallets/594pcs

Applications

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

Project Picture



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

© 2019 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

Email: info@renewpv.com

