



IGNITE THE POWER OF NATURE

瑞德能源
RENELED NEW ENERGY

Polycrystalline PV Module

RD340P6

72 Cells 18.0% Cells Efficiency

1500VDC Maximum system voltage



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/ISO 14001 quality management system standards.

KEY FEATURES

OUTPUT POSITIVE TOLERANCE:

Guaranteed 0~+5W positive tolerance ensures power output reliability.

PASSED HAIL TEST:

Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity(v=23.m/s).

PID RESISTANCE:

Excellent PID resistance at (-40℃~+85℃) test, and also can be improved to meet higher standards for the particularly harsh environment.

EXCELLENT MECHANICAL LOAD CAPABILITY:

Certified to withstand: snow load (5400 Pa) and wind load (2400 Pa).

WARRANTIES:

12 year limited product warranty; 25 year limited power output warranty, Please refer to our Warranty Terms and Conditions.

COMPREHENSIVE CERTIFICATES



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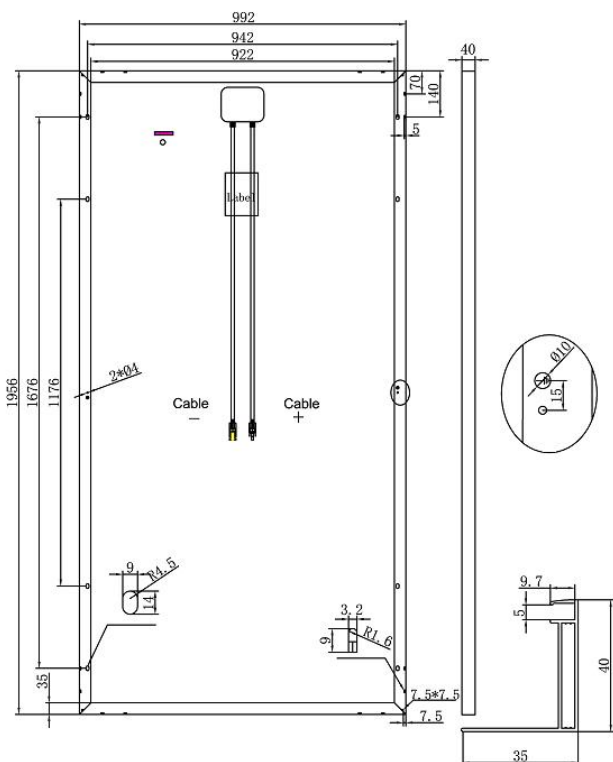


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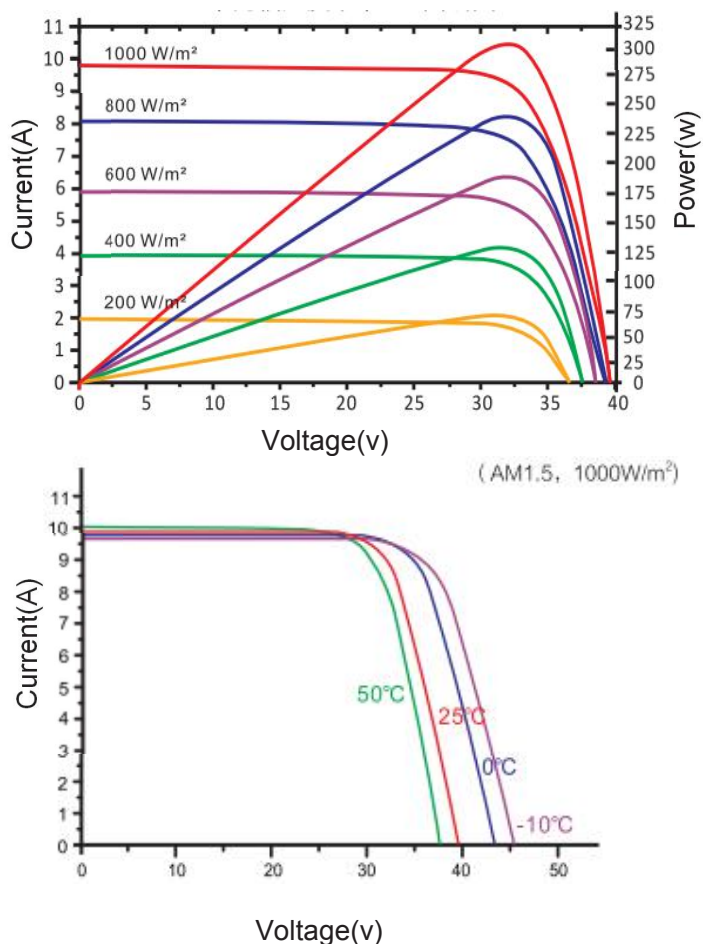
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MODULE DIMENSION DETAILS



I-V Curves



ELECTRICAL SPECIFICATIONS

AT STC(AM1.5,Temp 25℃,E 1000W/m²)		
Module Type	RD340P6	
Power output	Pmax	340W
Module efficiency(%)	η_m	17.52%
Voltage at Pmax	Vmp	37.82V
Current at Pmax	Imp	8.99A
Open circuit voltage	Voc	45.08V
Short circuit current	Isc	9.52A

AT NOCT(,Temp 20℃,E 800W/m² wind speed1m/s)		
Module Type	340W	
Power output	Pmax	253.9W
Voltage at Pmax	Vmpp	34.61V
Current at Pmax	Imp	7.34A
Open circuit voltage	Voc	41.25V
Short circuit current	Isc	8.29A

Mechanical Data

Module Demision (mm)	1956×992×40
Cells	72(6×12)
Weight (kg)	22.5
Glass	High transmission glass 3.2mm
anti-reflective coating	Antireflecting glass
Junction box IP rating	IP67 1500VDC 3 bypass diode
Cable	TUV certificated 4mm²
Connector type	MC4 compatible
Fire performance	Class C

Working Conditions & Temperature

Temperature coefficient (P mpp)	-0.39%/℃
Temperature coefficient (I sc)	+0.05%/℃
Temperature coefficient (V oc)	-0.29%/℃
NOCT	45℃±2℃
Maximum system voltage (IEC)	1500V DC
Maximum series fuse rating	15A

Packing

packing unit	27pcs/box
1*40'HQ	22Pallets/549pcs