

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Hefei Rosen Solar Energy Co., Ltd.  
RS72P Black Series  
RS360P-72**

Also available on the web at  
[EnergyPal.com/hefei-rosen-solar-energy-co-ltd-solar-panels/rs360p-72](http://EnergyPal.com/hefei-rosen-solar-energy-co-ltd-solar-panels/rs360p-72)

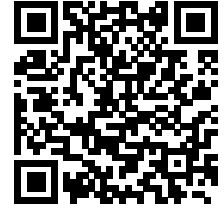


# Rosen Solar

To light up the world

Alibaba TOP 3 Suppliers  
Trade Assurance Supplier

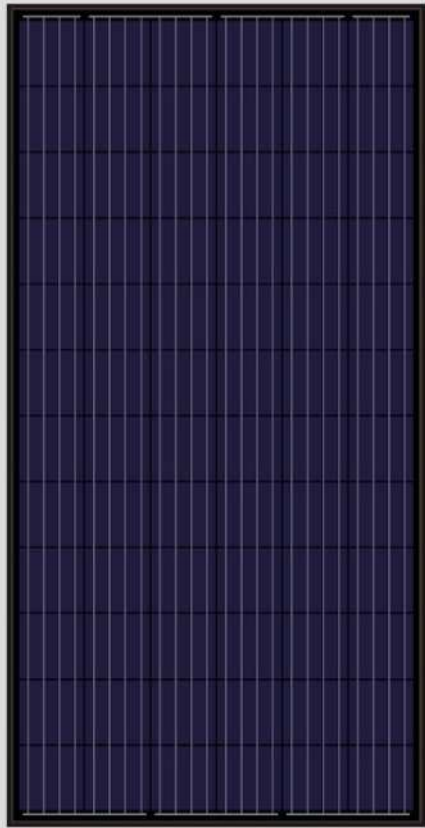
Verified Alibaba Supplier



## RS72P Black Series

Polycrystalline 72cells

Power Range: 330-360W



### Key Features



Monocrystalline modules designed for commercial and solar farm grid-tied applications



High power output and highest conversion efficiency



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



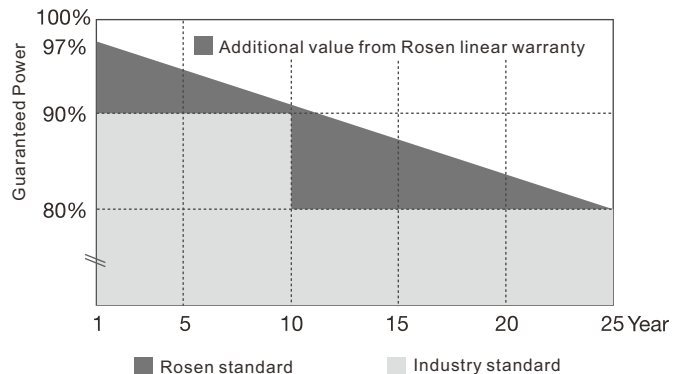
Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance certified by TÜV NORD

### Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



### Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation(PID) Resistant



# RS72P Black Series

Polycrystalline 72 cells  
Power Range: 330-360W

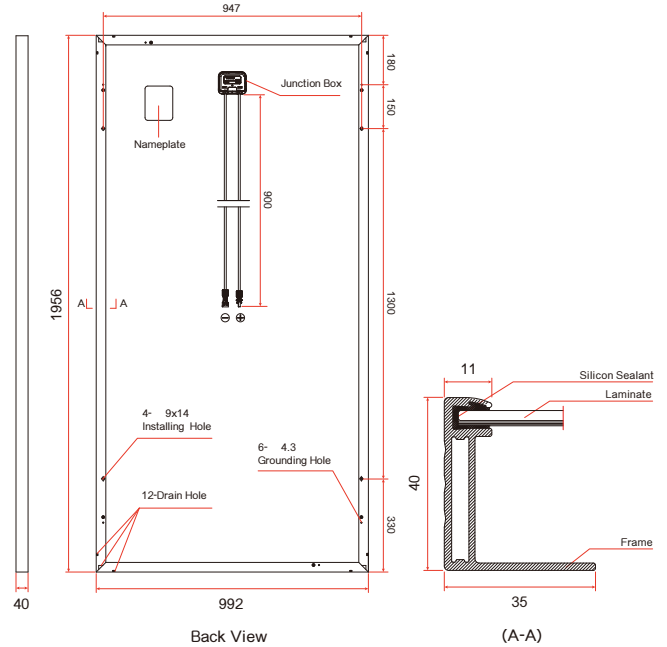
## Mechanical Data

Solar Cells	Poly 156*156mm, 5BB
Cell Orientation	72cells (6*12)
Module Dimensions	1956*992*40mm
Weight	22kg (Approx)
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
J-Box	IP67 or IP68 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> , 900mm
Connector	MC4/UTX/TS4/QC4*

## Working Conditions

Maximum System Voltage	1000 V DC (IEC)
Operational Temperature	-40~ +85°C
Max Series Fuse Rating	15A
NOCT	44°C(±2°C)
Application Class	Class A
Packaging Conginguration	Modules per pallet: 27 pieces Modules per 40' container: 720 pieces

## Dimensions of PV Module(mm)

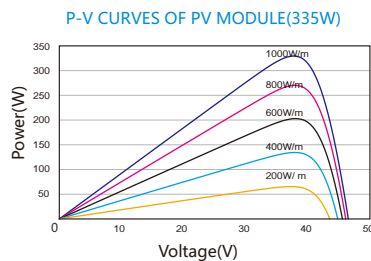
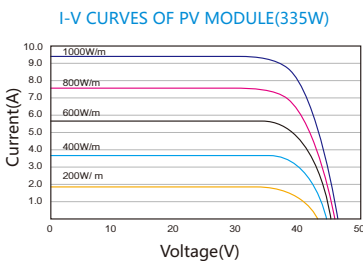


## Electrical Data(STC)

Module	RS330P-72	RS335P-72	RS340P-72	RS345P-72	RS350P-72	RS355P-72	RS360P-72
Peak Power Watts-Pmax(Wp)*	330	335	340	345	350	355	360
Maximum Power Voltage-Vmpp(V)	37.4	37.6	37.8	38.1	38.3	38.5	38.7
Maximum Power Current-Impp(A)	8.83	8.91	9.00	9.07	9.16	9.24	9.32
Open Circuit Voltage-Voc(V)	45.8	46.0	46.2	46.4	46.5	46.7	46.9
Short Circuit Current-Isc(A)	9.28	9.35	9.42	9.50	9.57	9.65	9.72
Module Efficiency (%)	17.0	17.2	17.5	17.8	18.0	18.3	18.5
Power Output Tolerance-Pmax(W)				0 ~+5			
Temperature Coefficient of Pmax				-0.41%/°C			
Temperature Coefficient of Voc				-0.32%/°C			
Temperature Coefficient of Isc				0.05%/°C			

STC Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5

## I-V Curve



## Appearance Color

Back sheet	Black
Frame	Black Anodized Aluminium Alloy