



# Rosen Solar

To light up the world

Alibaba TOP 3 Suppliers  
Trade Assurance Supplier

Verified Alibaba Supplier



## RS60P Series

Polycrystalline 60cells

Power Range: 265-285W



### Key Features



Polycrystalline 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



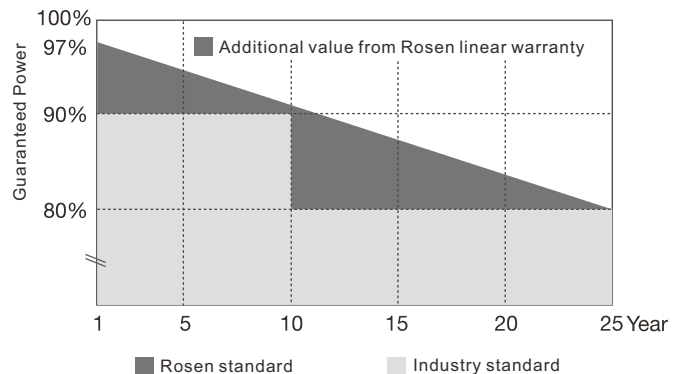
Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



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

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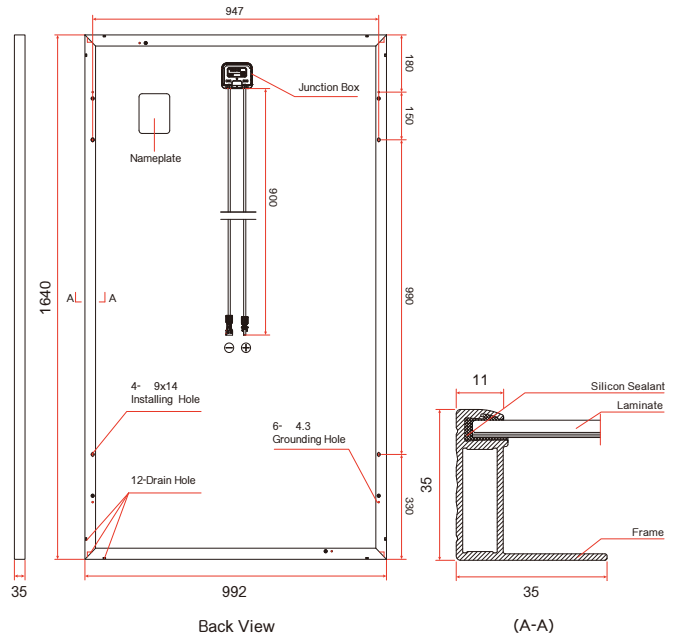
## Mechanical Data

Solar Cells	Poly 156*156mm,5BB
Cell Orientation	60cells (6*10)
Module Dimensions	1640*992*35mm
Weight	18kg (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: 30 pieces Modules per 40' container: 910 pieces

## Dimensions of PV Module(mm)

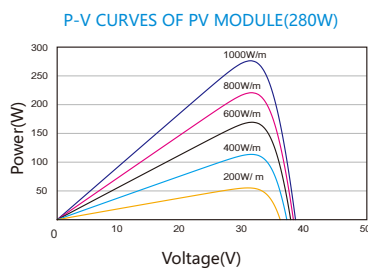
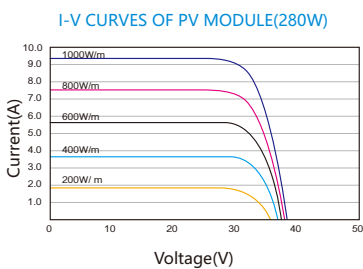


## Electrical Data(STC)

Module	RS265P-60	RS270P-60	RS275P-60	RS280P-60	RS285P-60
Peak Power Watts-Pmax(Wp)*	265	270	275	280	285
Maximum Power Voltage-Vmpp(V)	30.8	31.0	31.1	31.4	31.6
Maximum Power Current-Impp(A)	8.61	8.73	8.85	8.92	9.02
Open Circuit Voltage-Voc(V)	37.7	37.9	38.1	38.2	38.3
Short Circuit Current-Isc(A)	9.15	9.22	9.32	9.40	9.49
Module Efficiency (%)	16.2	16.5	16.8	17.1	17.4
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	White
Frame	Sliver Anodized Aluminium Alloy