



Rosen Solar

To light up the world

Alibaba TOP 3 Suppliers
Trade Assurance Supplier

Verified Alibaba Supplier



RS36P Black Series

Polycrystalline 36cells

Power Range: 155-175W



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



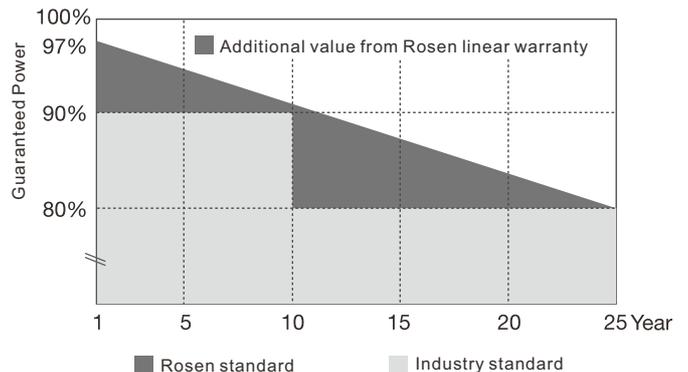
Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



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



RS36P Black Series

Polycrystalline 36 cells
Power Range: 155-175W

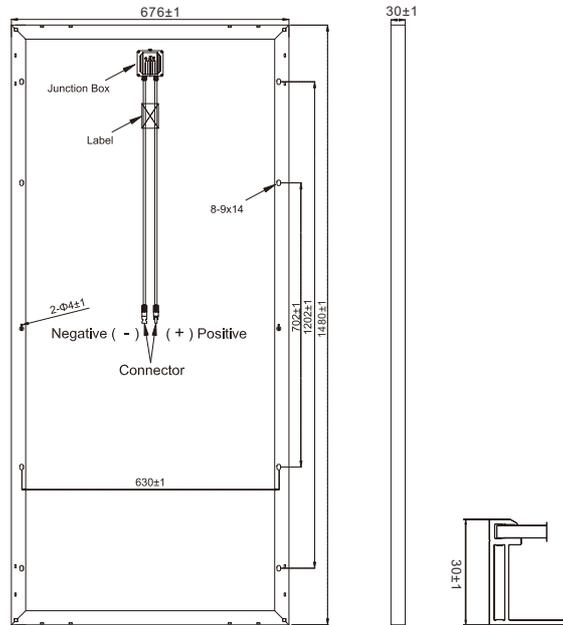
Mechanical Data

Solar Cells	Poly 156*156mm, 5BB
Cell Orientation	36cells (4*9)
Module Dimensions	1480*676*30mm
Weight	10.6kg (Approx)
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
J-Box	IP67 or IP68 rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 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 Configuration	Modules per pallet: 35pcs Modules per 40' container: 1600pcs

Dimensions of PV Module(mm)

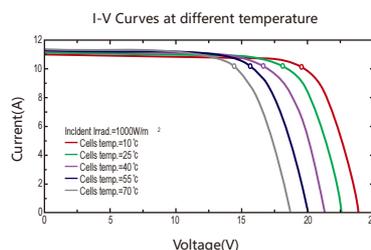
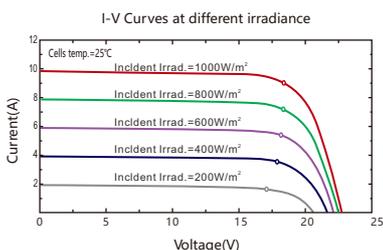


Electrical Data(STC)

Module	RS155P-36	RS160P-36	RS165P-36	RS170P-36	RS175P-36
Peak Power Watts-Pmax(Wp)*	155	160	165	170	175
Maximum Power Voltage-Vmpp(V)	17.6	17.7	17.8	17.9	18.00
Maximum Power Current-Impp(A)	8.81	9.04	9.27	9.50	9.73
Open Circuit Voltage-Voc(V)	22.5	22.6	22.7	22.8	22.9
Short Circuit Current-Isc(A)	9.05	9.25	9.55	9.74	9.98
Module Efficiency (%)	15.57	16.08	16.58	17.09	17.58
Power Output Tolerance-Pmax(W)			0 ~+5		
Temperature Coefficient of Pmax			-0.41%/°C		
Temperature Coefficient of Voc			-0.33%/°C		
Temperature Coefficient of Isc			0.059%/°C		

STC Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5

I-V Curve



Appearance Color

Back sheet	Black
Frame	Black Anodized Aluminium Alloy