

ALPHA PRO 2024

JSM-350P72

350 ~ 370 W

Power Output Range

72 CELL

Monocrystalline Module

21.4%

Maximum Efficiency

0~+3W

Positive Power Tolerance



25 Years Linear Warranty



12 Busbar MONO Solar cell

Unique cell design leads reduction in electrodes resistance, shading area and raise in conversion efficiency.



Highly reliable due to stringent quality control

All modules have to pass all kind of inspections & more than 15 tests.



Higher power output

The power generation can increase up to 10%.



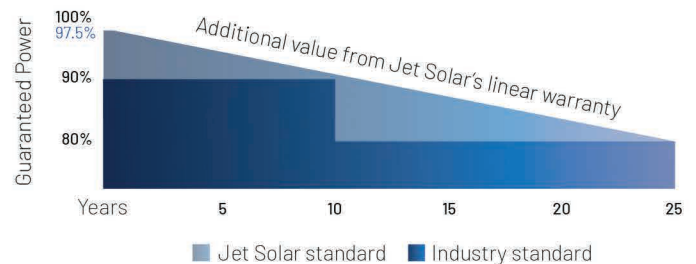
Ideal for large scale installations

Optimized for tracker installation.



Excellent weak light performance

More power output in weak light condition, such as haze and cloudy.



10 12 years warranty

25 25 years performance warranty

Comprehensive Products and System Certificates



ISO 45001 : 2015 :

Occupational health and safety management

ISO 9001 : 2015 :

Quality management system

ISO 14001 : 2015 :

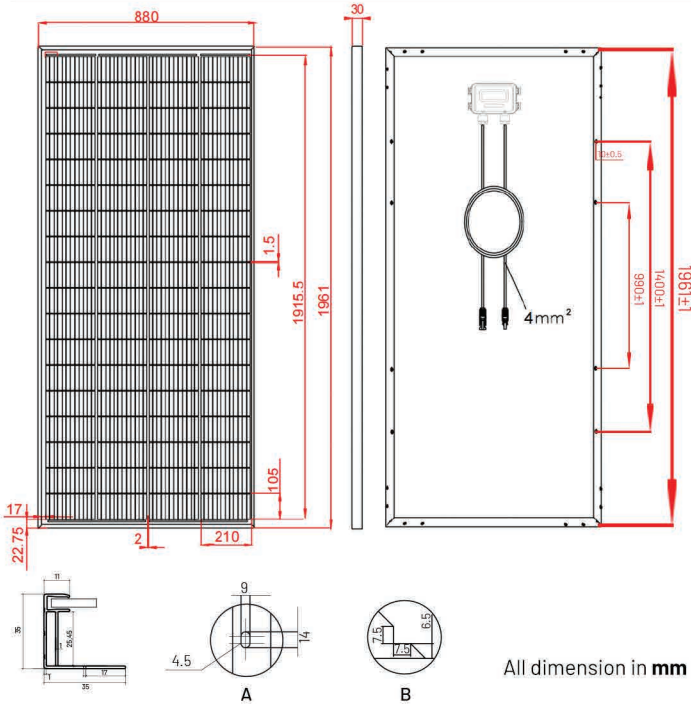
Environmental management system



Electrical Characteristics

Measuring tolerance $\pm 3\%$ STC: AM=1.5 Irradiance=1000W/m² Cell Temp.=25°CNOCT: AM=1.5 Irradiance=800W/m² Ambient Temp.=20°C Wind Speed=1m/s

Module Type	JSM-350P72	JSM-355P72	JSM-360P72	JSM-365P72	JSM-370P72
Testing Condition	STC	STC	STC	STC	STC
Maximum Power (Pmax)	350W	355W	360W	365W	370W
Voltage at Maximum Power (Vmp)	40.32	40.7	41.02	41.3	41.72
Current at Maximum Power (Imp)	8.69	8.74	8.8	8.97	9.01
Open Circuit Voltage (Voc)	47.55	47.93	48.25	48.53	48.95
Short Circuit Current (Isc)	9.63	9.68	9.74	9.91	9.95
Module Efficiency (%)	20.3	20.6	20.9	21.2	21.4



Mechanical Parameters

Solar Cells	Monocrystalline 210X210 mm
Cell Orientation	72 Cells (4X18)
Module Dimensions	880 X 1961 X 30 mm
Weight	20.4 KG
Glass	3.2 mm, high transparency, AR coated and heat tempered solar glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
Junction Box	IP68, three diodes
Cables	Photovoltaic Technology Cable 9.0 mm ²
Connector	DJ2011-4X

Electrical Characteristics

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ +3W
Voc and Isc Tolerance	$\pm 3\%$
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	45 $\pm$ 2°C

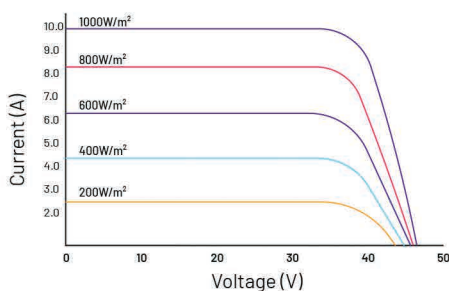
Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hail Stone Test	25mm

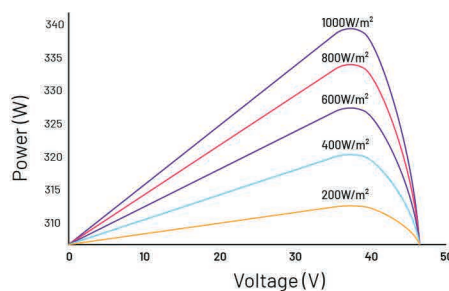
Temperature Rating (STC)

Temperature Coefficient of Isc	+0.065%/°C
Temperature Coefficient of Voc	-0.35%/°C
Temperature Coefficient of Pmax	-0.5%/°C

I-V Curves of PV module
(JSM-350P72)



P-V Curves of PV module
(JSM-350P72)



I-V Curves of PV module
(JSM-350P72)

