

JETSOLAR

JS182*182-M-72-MH

Rated Power 535W

535W

Power Output

144 CELL

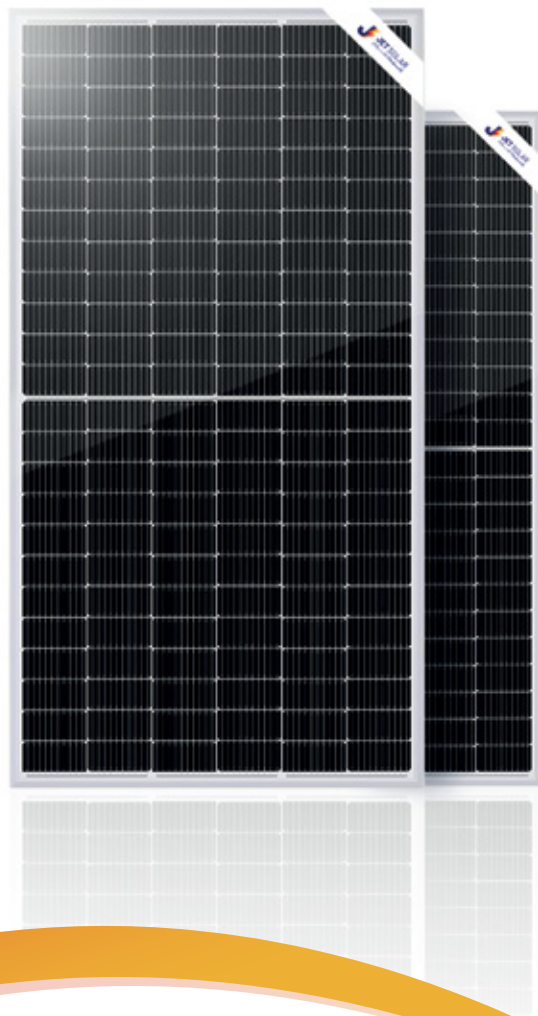
Monocrystalline Module

21.5%

Maximum Efficiency

0~+5W

Positive Power Tolerance



MBB Cell

New circuit design, lower internal current, lower internal resistance loss.



Higher Output Power

Module adopts 144 pcs of 182*182mm half cells, the maximum power can reach 535W.



Harsh Environmental Adaptability

Strict salt spray and ammonia corrosion test by TUV SUD.



Low Light Features

Higher performance under low light environment.



PID Protection

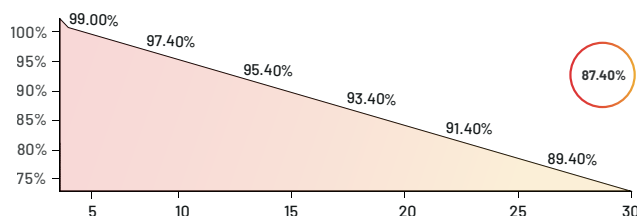
Ensure the attenuation probability caused by PID phenomenon is minimized.



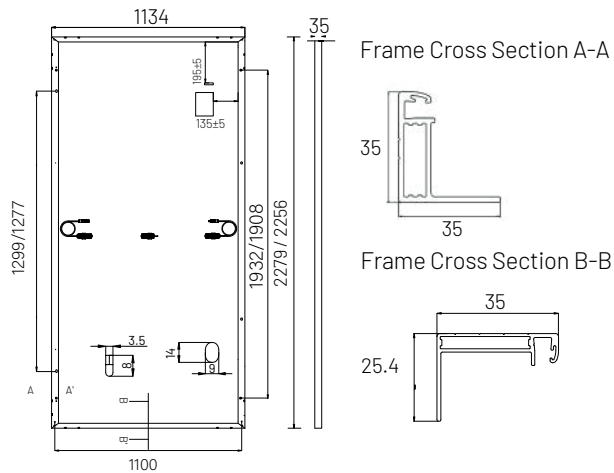
Load Capacity

Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV SUD.

1st year <1% 0.4% power degradation per year from 2 to 30 years



⚡ MECHANICAL DIAGRAMS



⚡ SPECIFICATIONS

Weight	29kg
Dimensions	2279mm*1134mm*35mm (1.5mm Cell Gap)
Cell Dimensions	182*182mm
Cell Amount	72*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , Landscape: N 1400mm/P 1400mm Portrait: N 200mm/P 300mm
Connector	MC4 compatible
Application Level	Class A

⚡ ELECTRICAL PARAMETERS AT STC

⚡ ELECTRICAL PARAMETERS AT NMOT

Power	535W	380W
Open Circuit Voltage	47.92V	44.1V
Short Circuit Current	14.26A	11A
Maximum Power Voltage	39.6V	36.63V
Maximum Power Current	13.52A	10.37A
Module Efficiency	20.9%	15.6%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

⚡ TEMPERATURE CHARACTERISTICS

NMOT	41±3°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.36%/°C

⚡ PACKING CONFIGURATION

Modules/Pallet	31 Pieces	Modules/40' Container	620 Pieces
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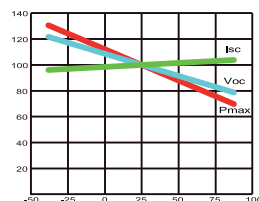
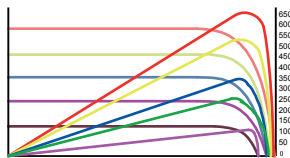
Packing Description

20 Pallets, Total=(31+31)x10=620 Pieces

⚡ CHARACTERISTICS

JS182*182-M-72-MH-535W

JS182*182-M-72-MH-535W



⚡ MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	25A