

JX500M10-100



Tangshan Jingxin Science and Technology Co., Ltd

Specifications

Model	JX500M10-100
Solar cell	Monocrystalline 210×105mm
No. of cells and connections	100(5*20)
Dimension(mm)	2187*1102*35mm
Weight(kg)	26.5

Electrical Characteristics

Maximum Power(Pm)	500W
Current at Pmax(Imp)	17.8A
Voltage at Pmax(Vmp)	28.0V
Short-circuit current(Isc)	18.65A
Open-circuit voltage(Voc)	34.1V
Cell Efficiency	22.30%
Module Efficiency	20.75%

Temperature and Coefficients

NOCT (Nominal Operating Cell Temp)	44°C±2°C
Short-circuit current temp coefficient	0.05 %/°C
Open-circuit voltage temp coefficient	-0.29 %/°C
Peak power temp coefficient	-0.39 %/°C
Power Tolerance	0~ +3%
Type of output terminal	Junction Box

Components & Mechanical Data

Front Glass	High Transparency Tempered Glass, 3.2mm
Backsheet	TPT (0.32±0.03mm thickness), white or black
Junction Box	Split IP67 rated
Output Cables	Photovoltaic Technology cable 4.0mm ² 300mm
Connectors	MC4(UV resistance and self-locking/IP 67)
Encapsulation Material	EVA (0.50±0.03mm thickness)
Fixing adhesive	Silicon Sealant
Frame	Anodized aluminum alloy type 6063-T5, silver or black
Maximum System voltage	1500VDC
Temperature Rang (°C)	-40°C ~ +85°C
Max Load(Kpa)	2.4 wind load / 5.4 snow load



High conversion efficiency
High module efficiency to guarantee power output



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust



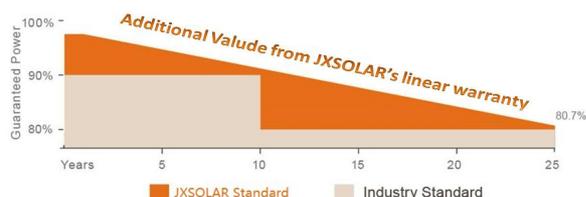
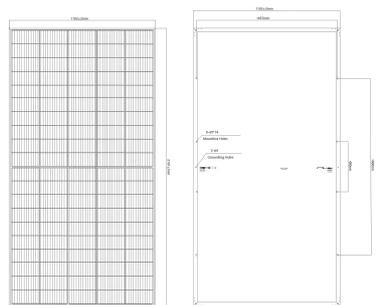
0 to +3% positive tolerance
Detailed information in Electrical Specifications



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy



48-hour response service



12 YEARS

Guarantee on product material and workmanship

25 YEARS

linear power output warranty



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