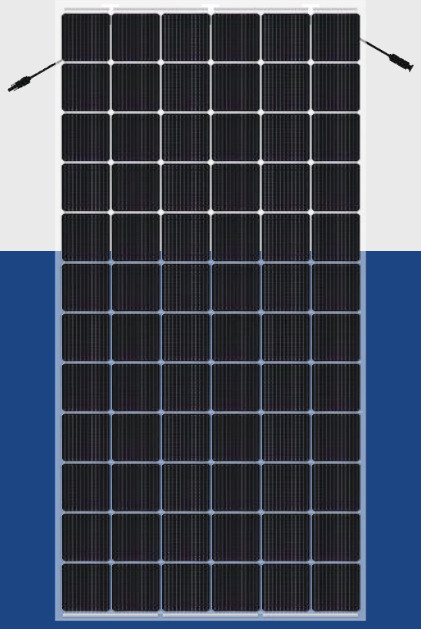


JINERGY

JN**HM72**-415~435

Super high efficiency HJT mono solar module

Adopting HJT bifacial cell technology

JNHM72

Bifaciality>93%, effectively improving backside power generation.

Providing 10%-35% extra power from backside in different scenarios.

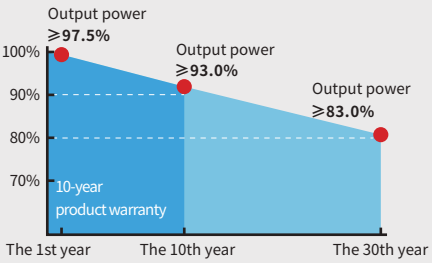
Excellent temperature coefficient and low light performance, extremely low degradation.

Compatible wtih 1500V system voltage to reduce construction cost per watt.

44% extra power generation gain than regular poly modules.

CERTIFICATION

QUALITY ASSURANCE



Leading Cell Technology

Applied super high efficiency HJT bifacial cell technology
Cell efficiency >24.0%

Superior quality control

Full-automatic production line
MES and ERP digitizing logistics management
ISO 9001:2015 Quality Management System
100% three times EL and appearance inspection

Excellent power generation performance

+5W POSITIVE

0~+5W positive power tolerance
Outstanding low light performance, getting more power generation during morning, night and cloudy days
Save over 34% power loss under high temperature owing to low temperature coefficient

Stable mechanlcal performance

Passed rigorous hail test
Withstands 5400Pa snow and 2400Pa wind loads

Long weather resistance

PID

LID-free, PID-free
Certified in fireproofing for safety

JINNENG CLEAN ENERGY TECHNOLOGY LTD
JINNENG PHOTOVOLTAIC TECHNOLOGY LTD

No.1 Wenshui Economic Development Zone, Lvliang, Shanxi 032100,China
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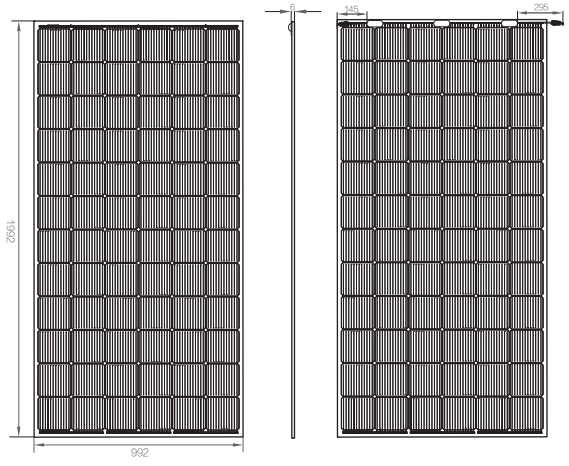
Super high efficiency HJT mono solar module

JN**HM72**-415~435



MECHANICAL PARAMETERS

Cell (mm)	156.75*156.75 HJT
Dimensions (L*W*H) (mm)	1992*992*6 / 5
Weight (kg)	27.0 / 22.9
Glass Thickness (mm)	2.5 / 2.0
Cable Cross Section Size (mm^2)	4
Cable Length (mm)	Positive 295 / Negative 145
No. of Cells and Connections	72(6*12)
No. of Diodes	3

QUALIFICATION

Max.System Voltage (V DC)	1500
Temperature Cycling Range (°C)	-40~+85
Max.Series Fuse Rating (A)	15
Max Reverse Current (A)	15
Max.Wind Load / Max.Snow Load (Pa)	2400 / 5400
Hot Spot Free	100% Free

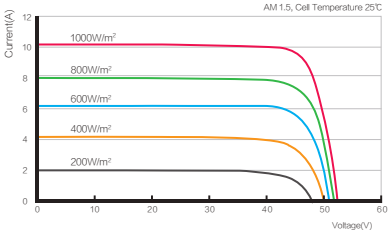
TEMPERATURE COEFFICIENTS

Norminal Operating Cell Temp (NOCT)	45±2°C
Temperature Coefficient Voltage (Voc)	-0.21% / °C
Temperature Coefficient Current (Isc)	0.015% / °C
Temperature Coefficient Power (Pm)	-0.27% / °C

ELECTRICAL PARAMETERS

		JNHM72-415	JNHM72-420	JNHM72-425	JNHM72-430	JNHM72-435
BSTC AM1.5, E=(1+0.135Bifa) 1000W/m² Cell Temperature 25°C	Max. Power at BSTC (Pmpp/W)	415	420	425	430	435
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	44.3	44.46	44.57	44.65	44.71
	Max. Power Current (Imp/A)	9.37	9.46	9.54	9.64	9.74
	Open Circuit Voltage (Voc/V)	51.85	51.95	52.08	52.15	52.28
	Short Circuit Current (Isc/A)	10.01	10.07	10.15	10.25	10.36
	Module Efficiency (%)	21.0	21.3	21.5	21.8	22.0
STC AM1.5, 1000W/m² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	370	375	380	385	390
	Max. Power Voltage (Vmp/V)	42.59	42.9	43.06	43.15	43.3
	Max. Power Current (Imp/A)	8.69	8.75	8.83	8.93	9.01
	Open Circuit Voltage (Voc/V)	52.23	52.55	52.71	52.81	53.05
	Short Circuit Current (Isc/A)	9.25	9.43	9.52	9.61	9.71

I-V CURVE(425W)



PACKING CONFIGURATION

Container (High cube)

Slot Material	Paper / EVA
Pieces Per Pallet	30
Pallets Per Stack	2
Stacks Per Container	11
Pieces Per Container	660

Platform Semi-Trailer

Slot Material	Paper / EVA
Pieces Per Pallet	30
Pallets Per Stack	2
Stacks Per Platform	16
Pieces Per Platform	960

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.