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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Jiangsu Hosun Solar Power Co., Ltd.**

**JHX-180-200M72**

**JHX-185M72**

Also available on the web at  
[EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-185m72](http://EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-185m72)

# JHX - XXXM72

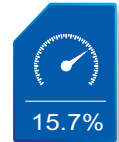
Peak Power **180|185|190|195|200** wp



Guaranteed 0-5wp plus output tolerance ensures high return on investment



High module efficiency (up to 15.7%) through superior manufacturing technology



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Certified by the most reputable labs according to IEC:61215;IEC:61730-1/2 standards



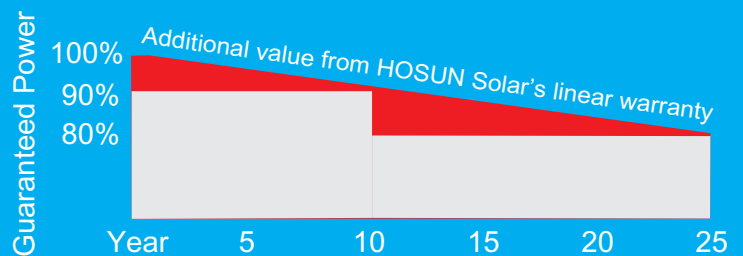
Manufactured and certified according to International Quality and Environment Management System (ISO9001,ISO14001,ISO18000)



linear performance warranty

10 years product warranty

25 years power warranty



**Superior Frame Design**  
Specially designed drainage holes and rigid construction prevent frames from deforming. Screwless frame design for a long term durability.



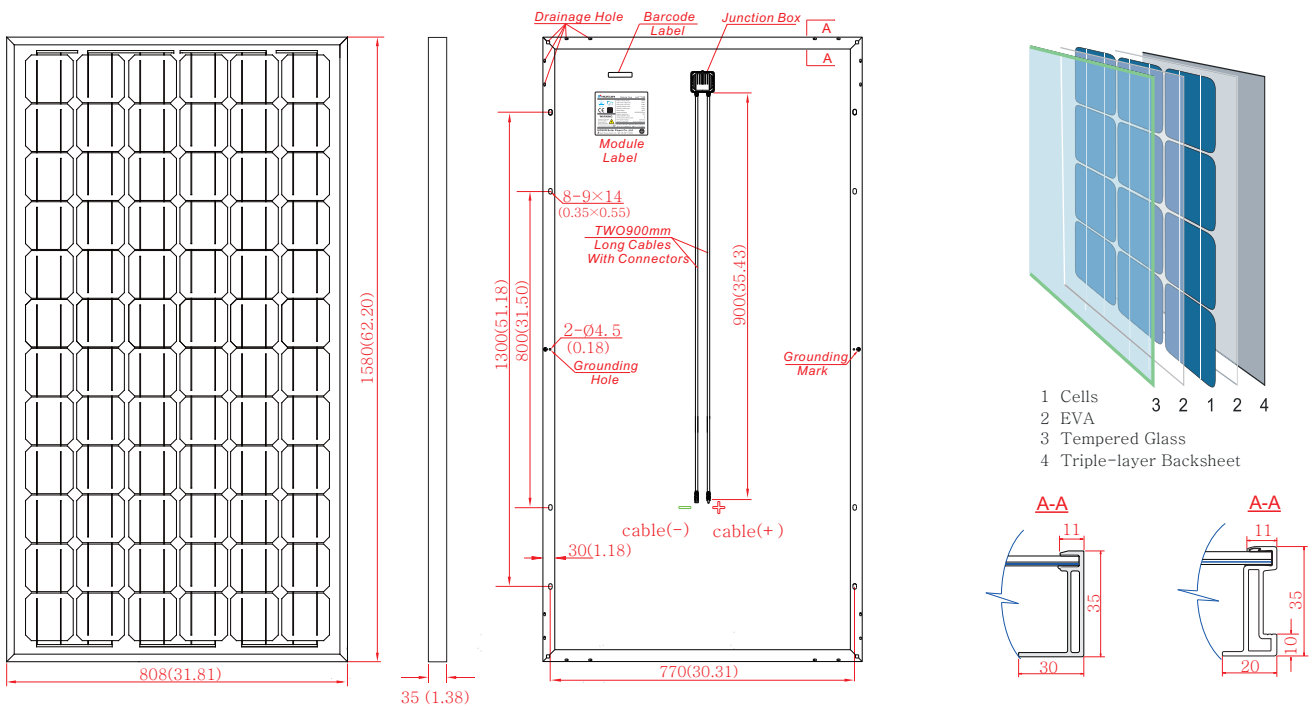
The new aluminum alloy (without mounting hole) is quicker in installment and better in protecting module, thus saving the mounting expense. It can help to avoid cracks on solar cells caused during the installment.

## ELECTRICAL CHARACTERISTICS

Module Type	JHX-180M72	JHX-185M72	JHX-190M72	JHX-195M72	JHX-200M72
Maximum Power at STC (Pmax)	180W	185W	190W	195W	200W
Maximum Power Voltage (Vmp)	36.30V	36.57V	36.68V	36.94V	37.25V
Maximum Power Current (Imp)	4.96A	5.06A	5.18A	5.28A	5.37A
Open Circuit Voltage (Voc)	44.88V	45.18V	45.38V	45.50V	45.62V
Short Circuit Current (Isc)	5.44A	5.52A	5.58A	5.63A	5.66A
Maximum System Voltage	DC 1000V(TÜV) / DC 600V(UL)				
Operating Temperature	-40°C to +85°C				
Maximum Series Fuse Rating	10A				
Application Class	Class A				

STC: Irradiation 1000W/m<sup>2</sup>, Module Temperature 25°C, AM=1.5 ; Power Measurement Tolerance:±3%

## PHYSICAL CHARACTERISTICS



## MECHANICAL DATA

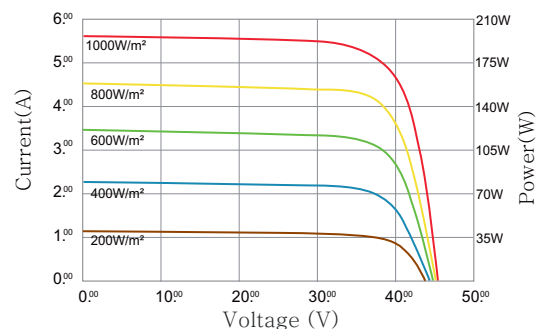
Dimension	1580×808×35mm(62.20×31.81×1.38)
Cell Type	Mono Crystalline Silicon, 125mm × 125mm
Number of Cells	72 cells in series(12×6)
Weight	15.0kg±0.5kg
Front Glass	High Transparency Solar Glass 3.2mm
Frame	Anodized Aluminium Alloy
Junction Box	TÜV: IP65 rated / IP67 rated , 3 Diodes
Cable	Photovoltaic Technology 4.0mm <sup>2</sup> , 900mm.
Connector	MC-4 / DJ2011-4(SHIHE) Compatible

## TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT):	47°C(±2°C)
Temperature Coefficient of Pmax	-0.48%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	0.05%/°C

NOCT:Irradiation 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

Current-Voltage & Power-Voltage Curve  
JHX-195M72 (cell temperature:25°C)



## PACKING CONFIGURATION

Container	20GP	40GP	40HC
Pieces per pallet	62/66	62/66	66/70
Pallets per container	6	14	14
Pieces per container	372/396	868/924	924/980