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# **EnergyPal**

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

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

**JHX-200-220M72**

**JHX-210M72**

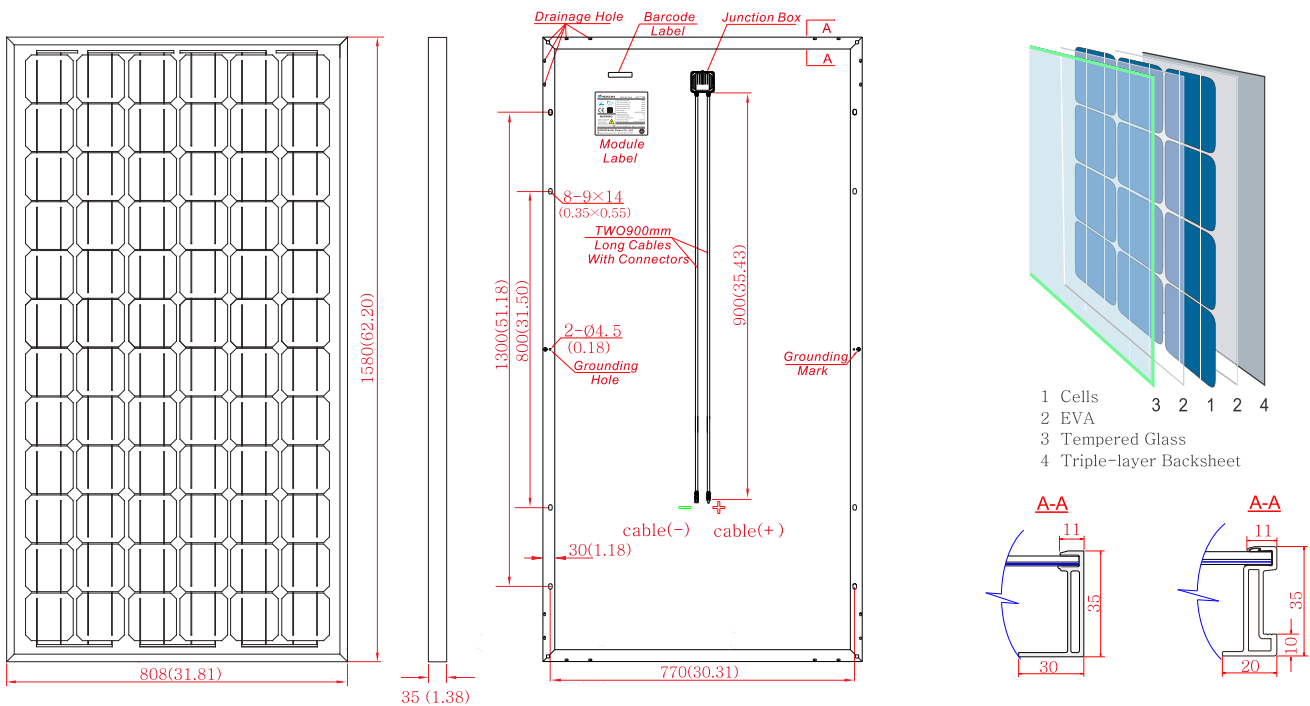
Also available on the web at  
[EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-210m72](http://EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-210m72)

## ELECTRICAL CHARACTERISTICS

| Module Type                 | JHX-220M72                  | JHX-215M72 | JHX-210M72 | JHX-205M72 | JHX-200M72 |
|-----------------------------|-----------------------------|------------|------------|------------|------------|
| Maximum Power at STC (Pmax) | 220W                        | 215W       | 210W       | 205W       | 200W       |
| Maximum Power Voltage (Vmp) | 39.21V                      | 38.685V    | 38.469V    | 38.18V     | 37.75V     |
| Maximum Power Current (Imp) | 5.611A                      | 5.558A     | 5.549A     | 5.370A     | 5.299A     |
| Open Circuit Voltage (Voc)  | 46.86V                      | 46.49V     | 45.86V     | 45.58V     | 45.36V     |
| Short Circuit Current (Isc) | 5.874A                      | 5.814A     | 5.784A     | 5.733A     | 5.657A     |
| Module efficiency           | 17.2%                       | 16.8%      | 16.4%      | 16.0%      | 15.6%      |
| 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

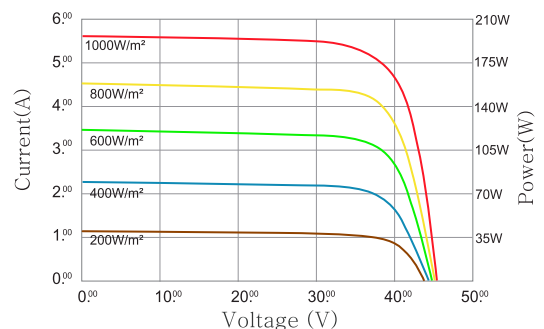
|                 |   |
|-----------------|---|
| Dimension       | 1580×808×35mm(62.20×31.81×1.38)                     |
| Cell Type       | Mono Crystalline Silicon, 125mm × 125mm             |
| Number of Cells | 72 cells in series(12×6)                            |
| Weight          | 15.0kg±0.5kg  |
| 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-195M72B (cell temperature:25°C)



## PACKING CONFIGURATION

| Container             | 20GP | 40GP | 40HC |
|-----------------------|------|------|------|
| Pieces per pallet     | 62   | 62   | 66   |
| Pallets per container | 6    | 14   | 14   |
| Pieces per container  | 372  | 868  | 924  |