

# HJM190M-24

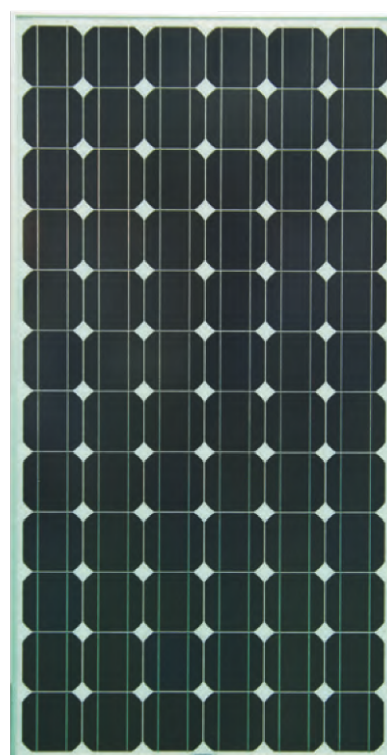
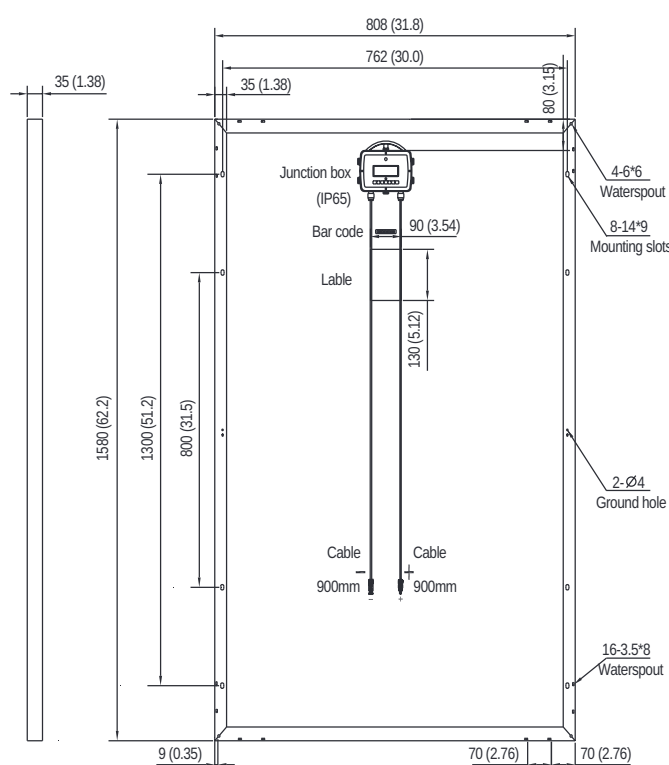
HJM195M-24

HJM200M-24



**HJSOLAR**

MONO CRYSTALLINE SOLAR MODULES



## Qualification Test

Temperature cycling range	-40°C to +85°C for 200 cycles
Damp heat test	85°C and 85 relative humidity for 1000h
Front & rear static load test ( eg.: wind )	2400Pa
Front load test ( eg.: snow )	5400Pa
Hailstone impact test	25mm hail at 23m/s from 1m distance



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Zhejiang Hengji PV-Tech Energy Co., Ltd.

**HJM190M-24**

HJM195M-24

HJM200M-24

### Electrical Characteristics

Model type	HJM190M-24	HJM195M-24	HJM200M-24
Peak power (Pmax)	190W	195W	200W
Cell type	Mono Crystalline Silicon, 125mm x 125mm		
Maximum power voltage (Vmp)	36.71	37.59	37.87
Maximum power current (Imp)	5.16	5.20	5.29
Open circuit voltage (Voc)	44.06	44.46	44.86
Short circuit current (Isc)	5.57	5.62	5.71
Maximum system voltage	TUV DC 1000V/UL DC600V		
Temp. Coeff. of Isc (TK Isc) Temp.	0.037 %/ °C		
Coeff. of Voc (TK Voc) Temp.	- 0.34 %/ °C		
Coeff. of Pmax (TK Pmax)	- 0.37 %/ °C		
Normal operating cell temperature	45 ± 2 °C		
Power tolerance	± 3 %		
Standard test conditions (STC)	AM1.5, 1000W/m², Module Temperature 25°C		

### Mechanical Characteristics

Dimension (mm)	1580 x 808 x 35
Weight (kg)	16.5
Solar cells	72 cells (125 mm x 125 mm) configured geometrically for a 6 x 12 matrix connected in series
Output cable length (mm)	900
Construction	Front: High transmission 3.2 mm tempered glass. Rear: White backsheets; Encapsulant: EVA.

## Features

- High module conversion efficiency up to 15.7%.
- 25-year limited warranty on power output:  
90% power output over 12 years  
80% power output over 25 years  
Free from defects in materials and workmanship for 5 years
- Bypass diode minimizes the power drop caused by shade.
- Tempered glass, EVA resin, and weatherproof film, and anodized aluminum frame for extended outdoor use.
- TUV, UL Listings: UL 1703, IEC61215, IEC61730.

## Packing Configuration

Container	20' GP	40' GP
Pieces per pallet	26	26
Pallets per container	12	28
Pieces per container	312	728

### Current-Voltage & Power-Voltage Curve

