

# MS HC P-144p

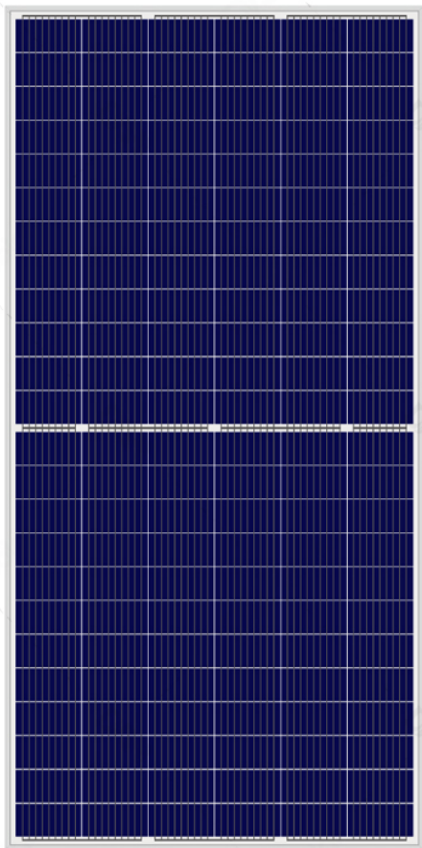
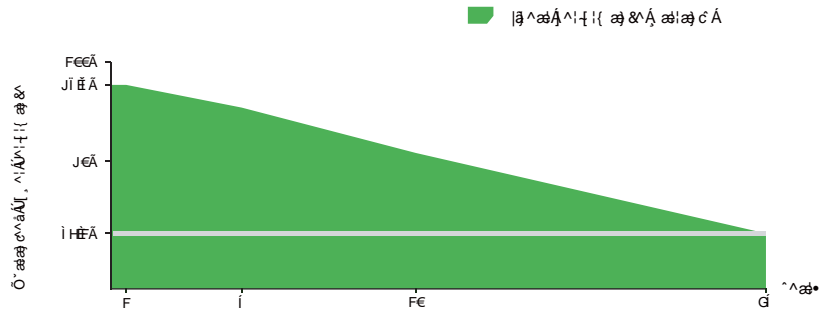
## 370-390 Watt

Úl í Pæðæð òú í æúæ^

- ☛ Tæðæ { Power **390W**
- ☛ Úl í Pæðæð í æúæ & **0~+3W**
- ☛ Tæðæ { **19.33%**

### Performance Warranty

10 Year Product Warranty • 25 Year Linear Power Warranty



### KEY FEATURES

#### MBB Solar Cell



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#### High Power



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#### High Efficiency



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#### High Reliability



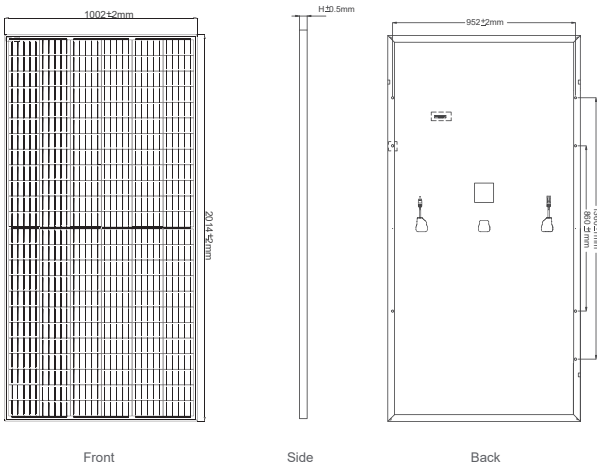
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Certificates: TUV, CQC, CE, IEC, ISO9001, ISO14001, OHSAS18001



# Poly Half-cut 144pcs 370-390W

## Dimensions



## Specifications (STC)

	370Wp	375Wp	380Wp	385Wp	390Wp
Maximum Power (Pmax)	370Wp	375Wp	380Wp	385Wp	390Wp
Maximum Power Voltage (Vmp)	39.4V	39.6V	39.8V	40V	40.2V
Maximum Power Current (Imp)	9.39A	9.48A	9.57A	9.66A	9.75A
Open-circuit Voltage (Voc)	49.3V	49.5V	49.8V	50.1V	50.4V
Short-circuit Current (Isc)	9.46A	9.5A	9.54A	9.58A	9.62A
Module Efficiency STC (%)	18.33%	18.58%	18.83%	19.08%	19.33%

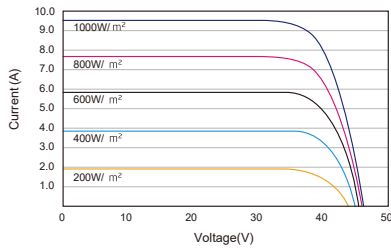
At standard test conditions (STC): Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM=1.5

## Specifications (NOCT)

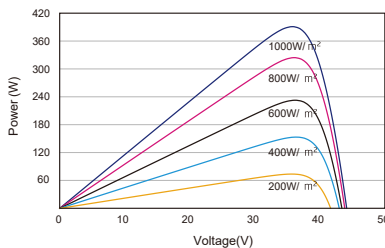
	370Wp	375Wp	380Wp	385Wp	390Wp
Maximum Power (Pmax)	277Wp	281Wp	285Wp	289Wp	293Wp
Maximum Power Voltage (Vmp)	37.7V	37.9V	38.1V	38.4V	38.7V
Maximum Power Current (Imp)	7.41A	7.47A	7.54A	7.61A	7.67A
Open-circuit Voltage (Voc)	45.2V	45.5V	45.7V	46V	46.2V
Short-circuit Current (Isc)	8.4A	8.47A	8.54A	8.61A	8.68A

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s, AM=1.5

## I-V Curve (390W)



## P-V Curve (390W)



## Packaging Configuration

144 cells (6x24)

Dimensions: 1002x394x2.5mm

## Mechanical Data

Cell Type	Poly cell
Cell number	144 (6×24)
Weight	22.5kg(49.6lbs)
Dimensions	2014*1002*40mm (79.29×39.45×1.57 inch)
Front Cover	3.2mm low iron tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm <sup>2</sup> , (+) 290mm, (-) 145mm or Customized Length

## Maximum Ratings

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500VDC (IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0~+3W
Temperature Coefficients of Pmax	-0.37%/°C
Temperature Coefficients of Voc	-0.28%/°C
Temperature Coefficients of Isc	0.048%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C