

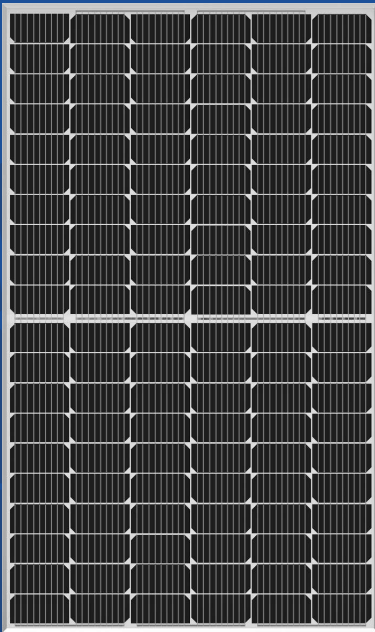
# JAYUSOLAR

Maximum Efficiency

**20.85%**

Output Power

**350-380W**



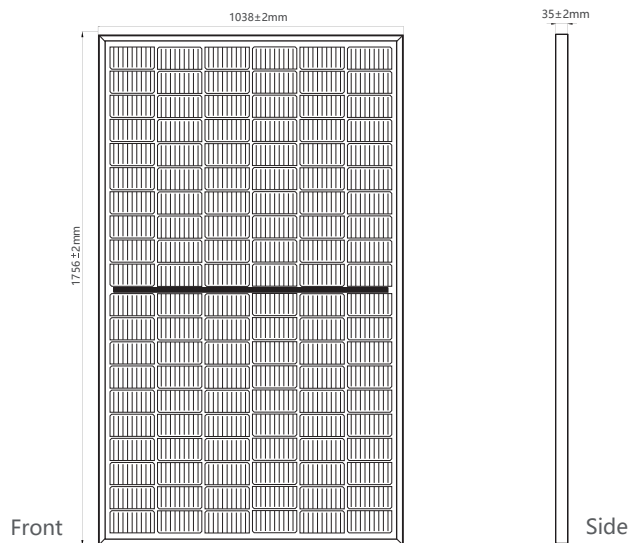
JY350-380M6-Faj-9

## HALF-CELL Multi-Busbar 120CELL MONO 166PERC SOLAR MODULE

### Features

- Large Size Cell and Multi Grid Battery Technology:  
higher output power, effectively reduce the cost of single watt system;
- Half-cut Cell Technology:  
New circuit design, Lower internal current, Lower resistance loss;
- High-strength Frame:  
2400 Pa wind load, 5400 Pa snow load, 25 mm hail stones at 82 km/h;
- Improved Durability and Reliability:  
Extreme resistance to corrosions caused by moisture, ammonia, sand, salt mist, acid, alkali, etc;
- Significantly Lower the Risk of Hot Spot:  
Reduce power loss, Increase module output power;
- Excellent Anti-PID Performance:  
Stringent quality control, High reliability, Internal testing far beyond the industry standards.

### Engineering Drawings

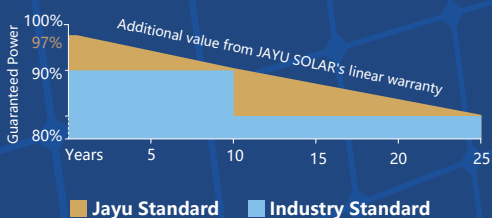


### Mechanical Characteristics

Cell Type	Mono Perc 166×166mm
Number of cells	120 (6×20)
Dimensions	1756×1038×35mm
Weight	19.5kg
Front Glass	Coated tempered glass
Backsheet	White
Frame Material	Anodized Aluminium Alloy
Fire Safety Class	Class C
Junction Box	IP67, 3 Diodes
Connector	MC4 Compatible
Cables	PV1-F 4MM <sup>2</sup>
Encapsulant Material	EVA



### Linear Performance Warranty



## Electrical Characteristics(STC)

Maximum Power-PMAX (Wp)	350	355	360	365	370	375	380
Output Power Tolerance				0~+5Wp			
Optimum Operating Voltage(Vmp)(V)	33.6	33.8	34.0	34.2	34.4	34.6	34.8
Optimum Operating Current(Imp)(A)	10.42	10.51	10.59	10.68	10.76	10.84	10.92
Open Circuit Voltage (Voc) (V)	40.1	40.3	40.5	40.7	40.9	41.1	41.3
Short Circuit Current (Isc) (A)	11.15	11.25	11.35	11.43	11.52	11.60	11.69
Module Efficiency (%)	19.20%	19.48%	19.75%	20.02%	20.30%	20.57%	20.85%

STC: Irradiance of 1000 W/m<sup>2</sup>, AM=1.5, module temperature of 25 °C

## Electrical Characteristics(NOCT)

Maximum Power-PMAX (Wp)	261	265	269	273	276	280	284
Optimum Operating Voltage(Vmp)(V)	31.3	31.5	31.7	31.8	32.0	32.2	32.4
Optimum Operating Current(Imp)(A)	8.35	8.43	8.49	8.56	8.63	8.69	8.76
Open Circuit Voltage (Voc) (V)	37.6	37.8	38.0	38.2	38.3	38.5	38.7
Short Circuit Current (Isc) (A)	9.02	9.10	9.17	9.25	9.32	9.38	9.45

NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

## Temperature Ratings

NOCT(Nominal Module Operating Temperature)	45°C (±2°C)
Temperature Coefficient of PMAX	-0.40%/°C
Temperature Coefficient of VOC	-0.32%/°C
Temperature Coefficient of ISC	+0.05%/°C

## Maximum Ratings

Operational Temperature	-40°C ~ 85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	20A

Do not connect Fuse in Combiner Box with two or more strings in parallel connection

## Certificates

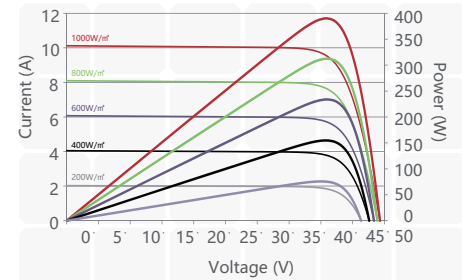
TÜV, CQC, CE
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## Packaging Configuration

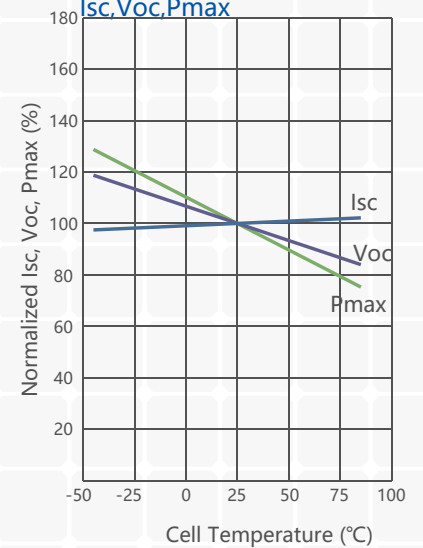
Container	40'HQ	20'GP
Piece per Pallet	30	
Pallet per Container	26	6
Piece per Container	780	180



## Current-Voltage & Power-Voltage Curve(380W)



## Temperature Dependence of Isc, Voc, Pmax



# Xuzhou Jayu Solar Energy Technology Co., Ltd.

Add: Peixian Economic Development Zone, Xuzhou City, Jiangsu Province, China

Tel: +86-(0)516-67060055 +86-13151232006

Web: www.jayusolar.com

E-mail:sales@jayusolar.com