



JF SOLAR



M10 Mono Half Cell Module

JFS2-156-18X

575~595W

JFS2-156-575M
JFS1-156-580M
JFS1-156-585M
JFS1-156-590M
JFS1-156-595M

IEC61215/IEC61730
ISO9001:Quality Management System ISO14001:Environmental Management System
ISO45001:Occupational Health and Safety Management System



Higher Power Output



Better Low-light Performance



MBB Half Cut Cell With PERC Technology



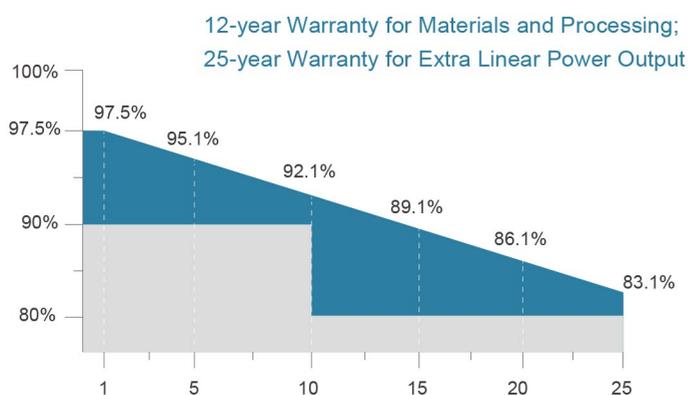
Less Shading Effect



0+5W Positive Tolerance



PID Resistance



- Additional value from JF Solar's linear warranty
- Standard performance warranty

Anhui JF Solar Technology Co., Ltd

TEL:0555-5510000

WEB:www.jf-solartech.com

E-mail:info@jf-solartech.com

ADD:No.9 ,West Taiyanghe Road,He County Economic Development Zone,Maanshan City,Anhui Province,China

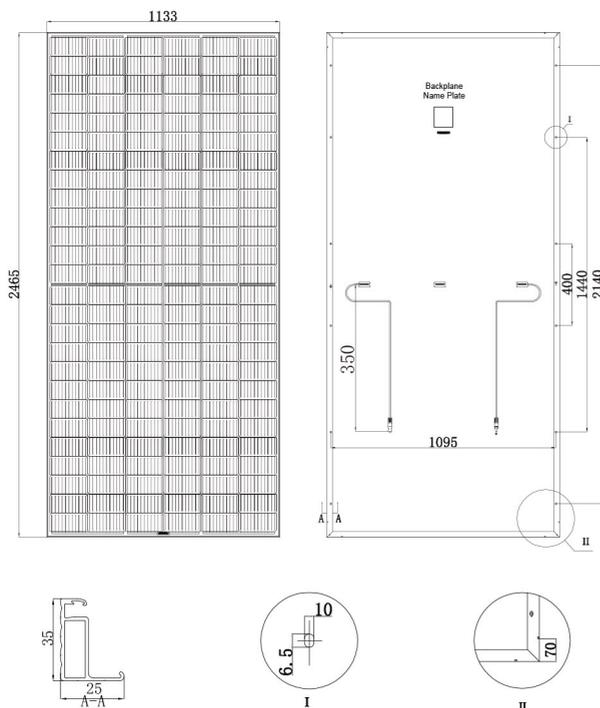
M10 Mono Half Cell (6×26) Mono Solar Module

| Module Type | | JFS2-156-575M | | JFS2-156-580M | | JFS2-156-585M | | JFS2-156-590M | | JFS2-156-595M | |
|-------------------------------------------|---------|----------------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
| | | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Test Environment | | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power | Pmax(W) | 575 | 434.47 | 580 | 438.24 | 585 | 442.02 | 590 | 445.80 | 595 | 449.58 |
| Open Circuit Voltage | Voc(V) | 53.00 | 49.75 | 53.24 | 49.98 | 53.49 | 50.21 | 53.74 | 50.44 | 53.99 | 50.68 |
| Short Circuit Current | Isc(A) | 13.71 | 11.06 | 13.77 | 11.11 | 13.83 | 11.15 | 13.88 | 11.20 | 13.93 | 11.24 |
| Maximum Power Voltage | Vm(V) | 44.82 | 41.27 | 45.03 | 41.47 | 45.24 | 41.66 | 45.45 | 41.85 | 45.66 | 42.05 |
| Maximum Power Current | Im(A) | 12.83 | 10.52 | 12.89 | 10.56 | 12.94 | 10.61 | 12.99 | 10.65 | 13.04 | 10.69 |
| Module Efficiency | (%) | 20.59 | | 20.77 | | 20.95 | | 21.13 | | 21.31 | |
| Tolerance | (W) | 0~+5 | | | | | | | | | |
| Cell Type | (mm) | MBB-182×91mm(Mono-Crystalline Silicon) | | | | | | | | | |
| Number of Cells | (Pcs) | 156(6×26) | | | | | | | | | |
| Maximum System Voltage | (V) | DC1500 | | | | | | | | | |
| Temp. Coeff. of Voc | (%/°C) | -0.282 | | | | | | | | | |
| Temp. Coeff. of Isc | (%/°C) | 0.05 | | | | | | | | | |
| Temp. Coeff. of Pm | (%/°C) | -0.348 | | | | | | | | | |
| Operating Temperature | °C | -40 to 85 | | | | | | | | | |
| Nominal Operating Cell Temperature (NOCT) | °C | 45±2 | | | | | | | | | |
| Max. Series Fuse | (A) | 25 | | | | | | | | | |
| Pressure Bearing | (Pa) | 5400 | | | | | | | | | |
| Wind Bearing | (Pa) | 2400 | | | | | | | | | |

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

ENGINEERING DRAWINGS



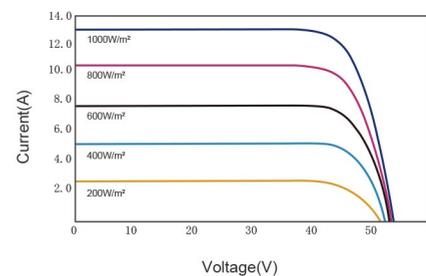
Manufactured in China

MATERIAL DETAILS

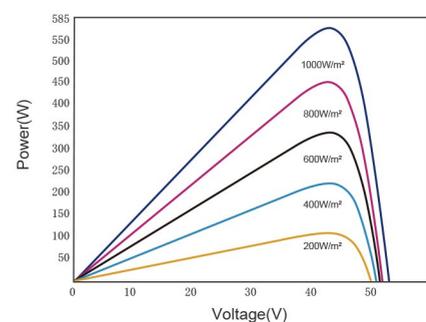
| | |
|-----------------|------------------------------------------|
| Frame | Anodized aluminum alloy frame |
| Glass | 3.2mm Low-iron tempered suede glass |
| Cell | 6×26 mono solar cell |
| Junction Box | IP2: 68, TÜV & UL |
| Diode Quantity | 3 |
| Cable&Connector | 4mm ² EVO2 or EVO2 compatible |
| Cable Length | 350mm or as customer's requirements |

IV CURVES

Current-Voltage Curve (JFS2-156-18X)



Power-Voltage Curve (JFS2-156-18X)



PACKING DETAILS

| | | |
|------------------|------------|--------------|
| Dimension | (mm) | 2465×1133×35 |
| Weight | (kg) | 29 |
| Loading Capacity | | 540pcs/40HC |
| Packing | Pcs/pallet | 30 |