

Visionary green energy



JT200SAb Black

Monocrystalline Solar Module

There are no limits to what we can do.
Our possibilities are endless.

You can buy solar technology anywhere today. But you don't receive the experience that is behind it. As a global company, Jetion has worked on new innovations and ideas since it was founded in 2004, **belonging to CNBM who is Chinese State owned company with over 30 years history.**

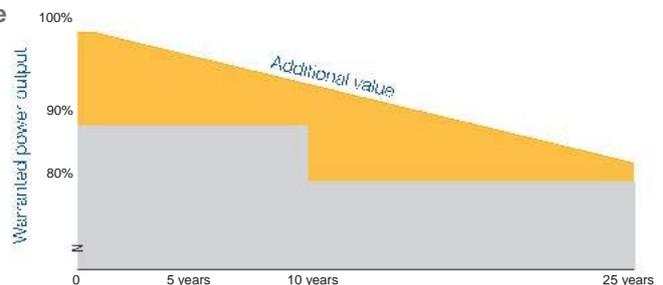
From highly efficient solar cells to complete solar energy installations, we offer sustainable solutions for increased performance and, at the same time, a healthier environment.

Jetion modules are particularly employed where long-term profitability, reliability and environmental issues are of great importance.

We guarantee the highest income, for a long life.

Product Warranty

- 12 years for materials and workmanship.
- **Peak Power Warranty - 25 year linear warranty**



Plus-Sorting

- With this plus-sorting we ensure that our customers pay for the watts they receive and guarantee the highest efficiency.

Key Features

- 72 monocrystalline solar 125*125mm cells.
- Strong aluminum frames in order to improve the bearing capacity and withstand strong wind.
- Special mounting holes on the frames for long and short side mounting.
- High transparency low iron tempered glass with enhanced stiffness and impact resistance.
- Advanced EVA encapsulation system with multilayer backsheets.



50MW, Prakhonchai Thailand

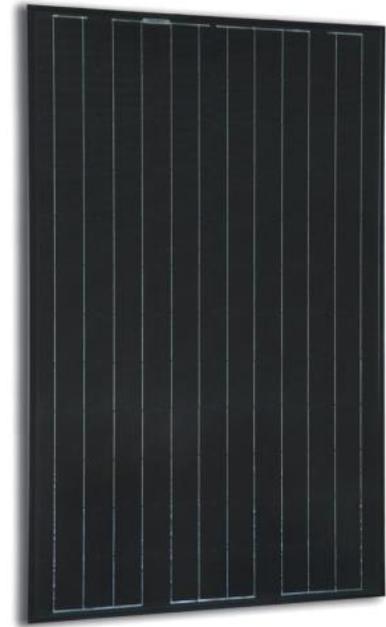
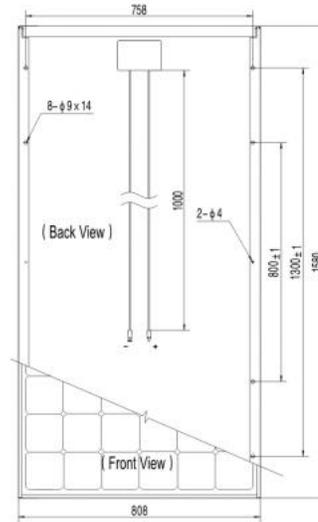
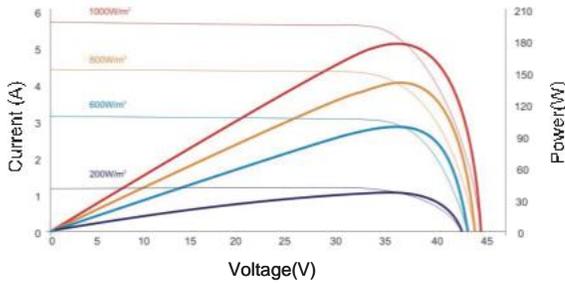
Specific conditions of guarantee and further information may be found at: www.jetionsolar.com



JETION
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I-V Curves at different Irradiances



All specified Parameters are at STC 25°C Ambient ,1000W/m² irradiance and AM 1.5

| STC | | Electrical Characteristics | | | | |
|---|---------------------|------------------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| Type | | JT180SAb(Black) | JT185SAb(Black) | JT190SAb(Black) | JT195SAb(Black) | JT200SAb(Black) |
| Module Power Range | (W) | 180 ≤ P _m < 185 | 185 ≤ P _m < 190 | 190 ≤ P _m < 195 | 195 ≤ P _m < 200 | 200 ≤ P _m |
| Max-Power | P _m (W) | 180 | 185 | 190 | 195 | 200 |
| Max-Power Voltage | V _m (V) | 36 | 36.27 | 36.5 | 36.75 | 37.0 |
| Max-Power Current | I _m (A) | 5 | 5.1 | 5.2 | 5.31 | 5.42 |
| Open-Circuit Voltage | V _{oc} (V) | 44.8 | 45 | 45.2 | 45.4 | 45.6 |
| Short-Circuit Current | I _{sc} (A) | 5.3 | 5.5 | 5.6 | 5.7 | 5.8 |
| Module Efficiency | (%) | 14.1 | 14.5 | 14.9 | 15.3 | 15.7 |
| Max-System Voltage | (VDC) | 600V(UL)/1000V(IEC) | | | | |
| Max.Series Fuse | (A) | 10 | | | | |
| P _m Temperature Coefficients | (%/°C) | -0.42 | | | | |
| V _{oc} Temperature Coefficients | (%/°C) | -0.31 | | | | |
| I _{sc} Temperature Coefficients | (%/°C) | 0.039 | | | | |
| NOCT Nominal Operating Cell Temperature | | 45 ± 2°C | | | | |
| Maximum load rating | | 5400Pa(112.78lbf/ft ²) | | | | |
| Class AAA solar simulator (IEC 60904-4), power measurement uncertainty is within ± 3% | | | | | | |

| NOCT | | JT195SAb(Black) | JT200SAb(Black) |
|-----------------------|---------------------|-----------------|-----------------|
| Max-Power | P _m (W) | 141.1 | 148.2 |
| Max-Power Voltage | V _m (V) | 33.6 | 34.6 |
| Max-Power Current | I _m (A) | 4.2 | 4.28 |
| Open-Circuit Voltage | V _{oc} (V) | 41.7 | 42.6 |
| Short-Circuit Current | I _{sc} (A) | 4.6 | 4.67 |

| Absolute Ratings | |
|-------------------------------|---------|
| Dielectric Insulation Voltage | 3000V |
| Operating Temperature (°C) | -40~+85 |
| Storage Temperature (°C) | -40~+85 |

| Packaging Configuration | |
|-------------------------|-------------------------|
| Packing Configuration | 25 pcs/box or 2 pcs/box |
| Quantity/Pallet | 52 pcs/pallet |
| Loading Capacity | 728 pcs/40ft |

| | |
|--------------------------------------|--|
| Cable type,Diameter and Length | 4mm ² ,TUV certified,1000mm |
| Type of Connector | Compatible with MC4 plug |
| Number,type and arrangement of cells | 72pcs,Mono-Crystalline Silicon(6 × 12) |
| Cell Size (mm) | 125x125(D165) |
| Dimension (mm) | 1580x808x40 |
| Weight (Kg) | 15.5 |
| No.of Draining Holes in Frame | 10 |
| Color of frame | black |
| Glass,Type and Thickness | Low Iron,High Transmission, Tempered Glass 3.2mm |

NOCT: Irradiance 800W/m², ambient temperature 20°C , AM=1.5, wind speed 1m/s
 Specifications included in this datasheet are subject to change without prior notice