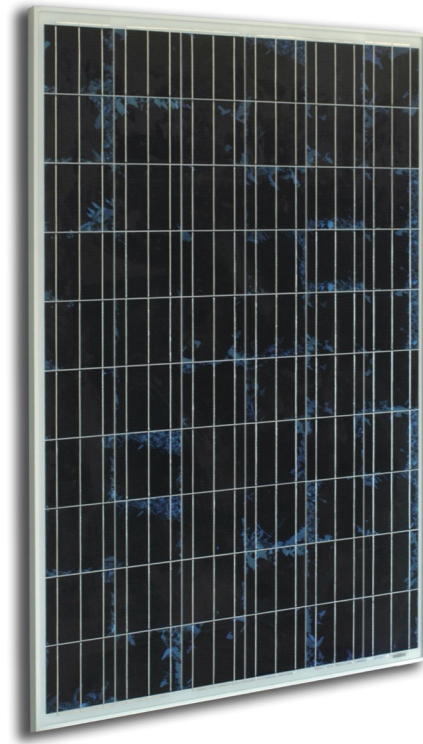


Jetboost Series

Polycrystalline Solar Module



JETION
SOLAR
visionary green energy



Key Features

- ▶ The cell for module adopts new-generation "quasi-single-crystal" technology
- ▶ Quasi-crystal cells is featured by high conversion efficiency
- ▶ The module made up of quasi-single-crystal cells is featured by uniform color and nice appearance
- ▶ The production efficiency for 60 quasi-single-crystals module of our company can reach 250W above

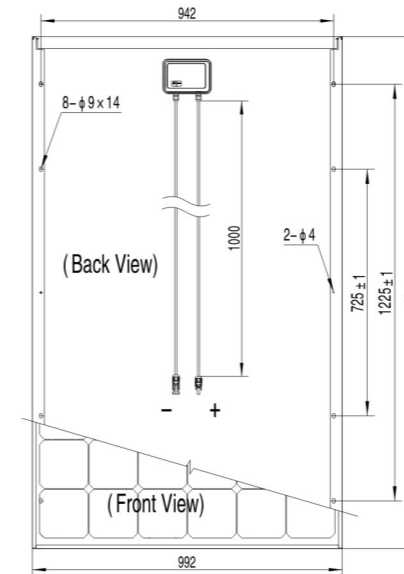


All specified Parameters are at STC 25°C Ambient, 1000W/m² irradiance and AM 1.5

Electrical Characteristics

| Type | | JT235PCe | JT240PCe | JT245PCe | JT250PCe |
|------------------------------------------|---------------------|------------------------------------|----------------------------|----------------------------|----------------------|
| Module Power Range | (W) | 240 > P _m ≥ 235 | 245 > P _m ≥ 240 | 250 > P _m ≥ 245 | P _m ≥ 250 |
| Max-Power | P _m (W) | 235 | 240 | 245 | 250 |
| Max-Power Voltage | V _m (V) | 30.5 | 30.8 | 31.1 | 31.4 |
| Max-Power Current | I _m (A) | 7.71 | 7.8 | 7.89 | 7.97 |
| Open-Circuit Voltage | V _{oc} (V) | 37 | 37.2 | 37.4 | 37.5 |
| Short-Circuit Current | I _{sc} (A) | 8.4 | 8.55 | 8.65 | 8.77 |
| Module Efficiency | (%) | 14.3 | 14.6 | 14.9 | 15.2 |
| Max-System Voltage | (VDC) | 600V(UL)/1000V(IEC) | | | |
| Max.Series Fuse | (A) | 15 | | | |
| P _m Temperature Coefficients | (%/°C) | -0.4336 | | | |
| I _{sc} Temperature Coefficients | (%/°C) | 0.0825 | | | |
| V _{oc} Temperature Coefficients | (%/°C) | -0.4049 | | | |
| 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%



Packaging Configuration

| | |
|-----------------------|-----------------|
| Packing Configuration | 24 pcs/box |
| Quantity/Pallet | 48 pcs/pallet |
| Loading Capacity | 624 pcs/40ft(H) |

Absolute Ratings

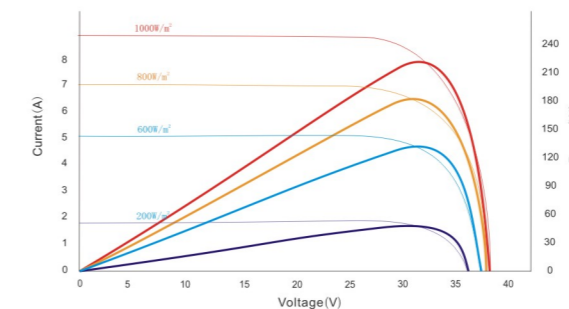
| | |
|-------------------------------|---------|
| Dielectric Insulation Voltage | 3000V |
| Operating Temperature (°C) | -40~+85 |
| Storage Temperature (°C) | -40~+85 |

NOCT

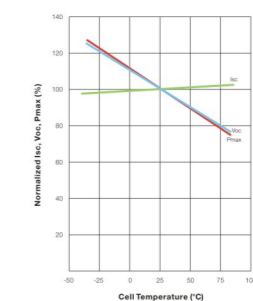
JT240 PCe (Black) JT245 PCe (Black)

| | | | |
|-----------------------|---------------------|------|------|
| Max-Power | P _m (W) | 176 | 180 |
| Max-Power Voltage | V _m (V) | 28 | 28.2 |
| Max-Power Current | I _m (A) | 6.3 | 6.4 |
| Open-Circuit Voltage | V _{oc} (V) | 34.1 | 34.3 |
| Short-Circuit Current | I _{sc} (A) | 6.9 | 7 |

I-V Curves at different Irradiances



Temperature Coefficients



Mechanical Characteristics

| | |
|---------------------------------------|---------------------------------------------------|
| Cable type, Diameter and Length | 4mm ² , TUV certified, 1000mm |
| Type of Connector | Compatible with MC4 plug |
| Number, type and arrangement of cells | 60pcs, Poly-Crystalline Silicon(6 × 10) |
| Cell Size | (mm) 156 × 156 |
| Dimension | (mm) 1655 × 992 × 40 |
| Weight | (Kg) 22.5 |
| No. of Draining Holes in Frame | 10 |
| Glass, Type and Thickness | High Transmission, Low Iron, 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