

DJ-240D156A DJ-250D156A
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Monocrystalline Photovoltaic Module

Features

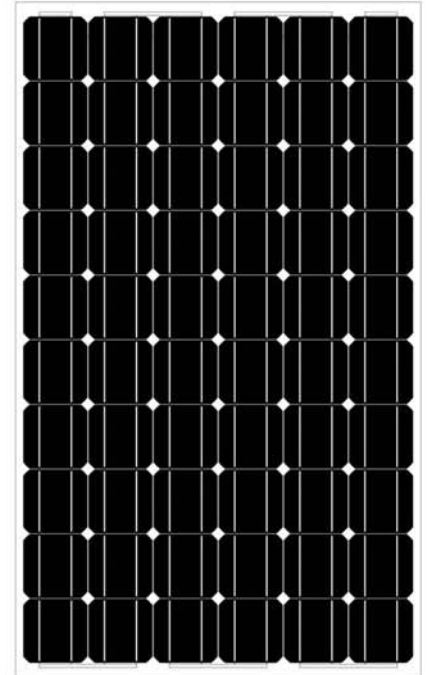
- ◆ High cell efficiency with quality silicon material for long term output stability and reliability
- ◆ Rigorous quality control to meet highest international standards
- ◆ High transmittance low iron tempered glass with enhanced stiffness and impact resistance
- ◆ Unique frame design with high mechanical strength for easy installation
- ◆ Advanced encapsulation material with multilayer sheet lamination to provide efficient protection from the severest environmental conditions
- ◆ Outstanding electrical performance under high temperature and low irradiance conditions

Applications

- ◆ Any large or small on-grid or off-grid solar power stations
- ◆ Commercial and industrial roof-top systems
- ◆ Residential roof-top systems
- ◆ Any commercial or industrial ground mount systems
- ◆ Other industrial or commercial applications

Quality and Warranty

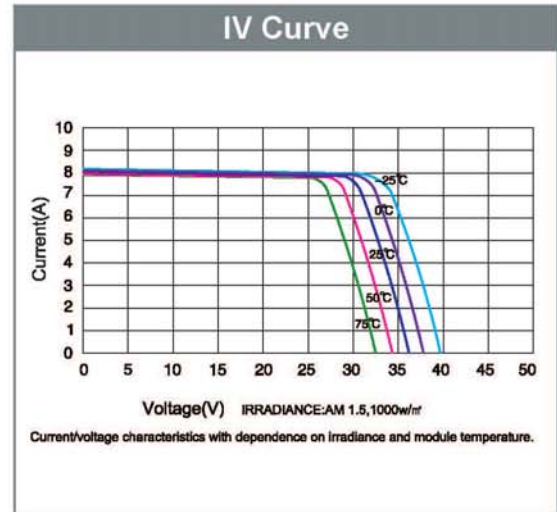
- ◆ Peak power of single module is guaranteed in $\pm 3\%$ power tolerance
- ◆ Average power of modules in single order is guaranteed not less than the peak power
- ◆ Rigorous quality control meets the highest international standard
- ◆ 10 years limited warranty on material and workmanship
- ◆ 12 years and 25 years limited warranty for minimum power output



| Electrical Data | | | | | |
|---|------------------------------------|--------------|-------------|-------------|-------------|
| Model | | DJ-240D156A | DJ-245D156A | DJ-250D156A | DJ-255D156A |
| Peak Power (-3% / +3%) | Pmax | 240 W | 245W | 250W | 255W |
| Rated Voltage | Vmp | 30.3 V | 30.5 V | 30.7 V | 30.8V |
| Rated Current | Imp | 7.92 A | 8.03 A | 8.14 A | 8.28A |
| Open Circuit Voltage | Voc | 37.6V | 37.8V | 38.1V | 38.2V |
| Short Circuit Current | Isc | 8.55A | 8.68A | 8.79A | 8.94A |
| Max Series Fuse Rating | | 15 A | 15 A | 15 A | 15A |
| Module Efficiency | | 14.69% | 15.00% | 15.30% | 15.61% |
| Maximum System Voltage | IEC, UL | 1000V, 600V | 1000V, 600V | 1000V, 600V | 1000V, 600V |
| Temperature Coefficient | NOCT (Normal Operating Cell Temp.) | 48°C±2°C | | | |
| | Pmax | -0.48% / °C | | | |
| | Voc | -0.34% / °C | | | |
| | Isc | +0.037% / °C | | | |
| STC (Standard Test Condition): Irradiance 1000W/m ² , Module Temperature 25°C, AM (Air Mass) = 1.5 | | | | | |

| Mechanical Data | |
|----------------------|---|
| Solar Cell Size | 156mmx156mm (6.14" x 6.14") |
| No. of Cells | 6x10 = 60 |
| NO. of Bypass Diodes | 6 |
| Dimension(LxWxT) | 1650mmx990mmx40mm (65.0"x39.0"x1.6") |
| Weight | 19.5kg (43.3 lbs) |
| Cable Length | 900mm (35.5") for positive (+) and negative (-) |

| Packaging Data | |
|---------------------------|------------|
| Pieces per 40' Container | 598 |
| Pallets per 40' Container | 26 |
| Pieces per Pallet | 23 |
| Weight per Pallet | 989.6 lbs |
| Gross Weight per Pallet | 1051.3 lbs |



| Operating Conditions and Certifications | |
|---|--|
| Operating Temperature | -40°C to +85°C |
| Impact Resistance | Diameter of 28mm with impact speed of 86km/h |
| Certifications | TUV SUD, UL, ISO, CE, ROHS, CQC |

