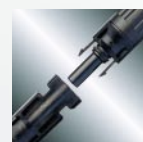
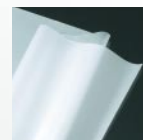
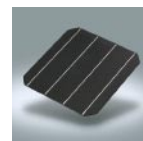


PHOTOVOLTAIC MODULES

MJT Series

PV-MJT250GB 250Wp

PV-MJT245GB 245Wp



A NEW PREMIUM GENERATION

ADVANCED TECHNOLOGY

- 4 busbar monocrystalline cells
- Proprietary cell surface texturing process for greater light absorption
- Anti-reflective glass
- Optimum tab thickness
- Highly reflective back film with wide cell pitch
- Lead-free solder connections



LONG RELIABILITY

- Outstanding durability and protection against the elements allows the module to be installable even in high-saline areas*
- Passed IEC static load test of 5400Pa
- Frame has a protective double layer of corrosion-resistant coating
- 4-layer protective design junction box
- Highly heat-resistant diode
- 10 year product warranty



*Excluding areas in which the module is directly exposed to salt water

MITSUBISHI ELECTRIC QUALITY

- All of our photovoltaic modules, from the cell to the module, are made in our own factories in Japan
- Highly automated production lines ensure a stable level of high quality for every module
- Cells are matched for uniformity before module assembly
- Each pair of modules is selected to have a higher average output power than the nominal value

All models made in Japan

for a greener tomorrow

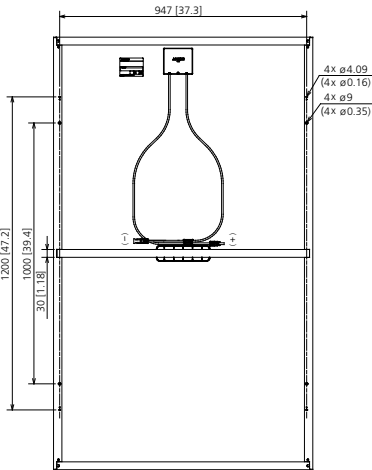
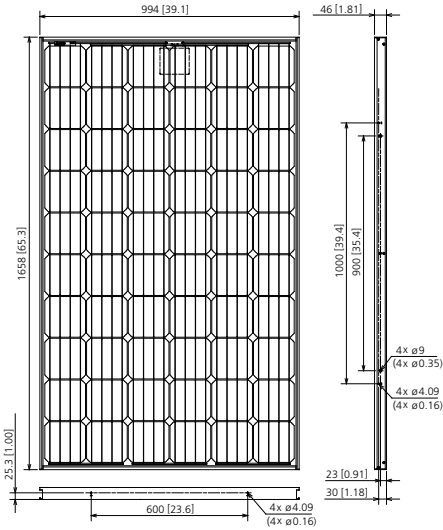


SPECIFICATIONS SHEET

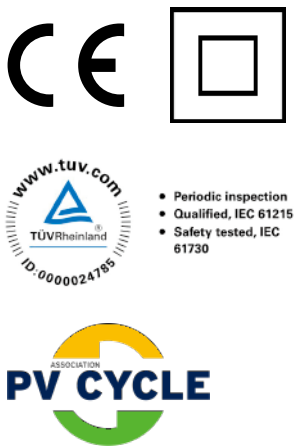
| | | |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Manufacturer | MITSUBISHI ELECTRIC | |
| Model name | PV-MJT250GB | PV-MJT245GB |
| Cell type | Monocrystalline silicon, 156mm × 156mm | |
| Number of cells | 60 cells in a series | |
| Performance at STC | | |
| Maximum power rating (Pmax) | 250W | 245W |
| Warranted minimum Pmax | 242.5W | 237.7W |
| Tolerance of maximum power rating | +/-3% (The average Pmax of each pair of modules has a positive tolerance) | |
| Open circuit voltage (Voc) | 37.4V | 37.2V |
| Short circuit current (Isc) | 8.80A | 8.69A |
| Maximum power voltage (Vmp) | 30.2V | 30.0V |
| Maximum power current (Imp) | 8.28A | 8.17A |
| Normal operating cell temperature (NOCT) | 47°C | |
| Performance at NOCT* | | |
| Maximum power rating (Pmax) | 180W | 177W |
| Open circuit voltage (Voc) | 34.0V | 33.8V |
| Short circuit current (Isc) | 7.13A | 7.04A |
| Maximum power voltage (Vmp) | 27.2V | 27.0V |
| Maximum power current (Imp) | 6.62A | 6.54A |
| Maximum system voltage | 1000V | |
| Fuse rating | 15A | |
| Dimensions | 1658×994×46mm (65.3×39.1×1.81inches) | |
| Weight | 20kg | |
| Output terminal | (+) 800mm/(-) 1250mm with MC connector (PV-KTB4/6II-UR, PV-KST4/6II-UR) Cable conforms with TÜV Specification 2 PfG 1169/08.2007 | |
| Module efficiency | 15.17% | 14.87% |
| Packing condition | 2 pcs / 1 carton | |
| Certificates | IEC 61215 Second Edition, IEC 61730 | |
| Product Warranty | 10 years | |
| Output Warranty | 90% of minimum rated Pmax for 10 years 80% of minimum rated Pmax for 25 years | |

*Measured at 800W/m², ambient temp. 20°C, wind speed 1m/s

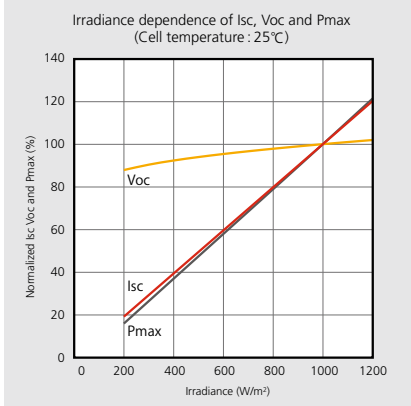
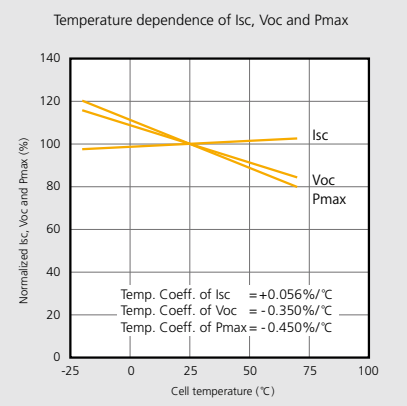
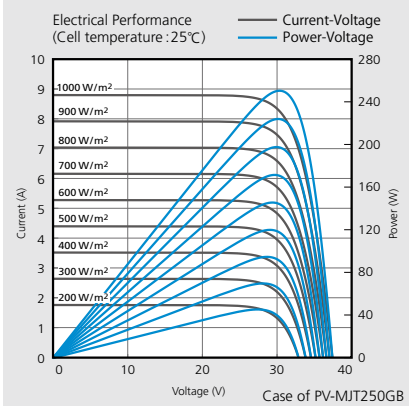
DRAWINGS AND DIMENSIONS



Unit:mm [inch]



ELECTRICAL CHARACTERISTICS



MITSUBISHI ELECTRIC CORPORATION
 HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
<http://www.mitsubishielectric.com/bu/solar/>

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 Specifications subject to change without notice.