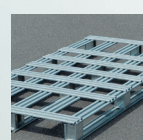
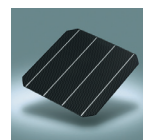


PHOTOVOLTAIC MODULES

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



*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

for a greener tomorrow

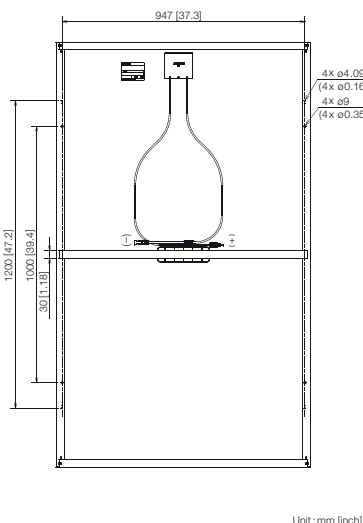
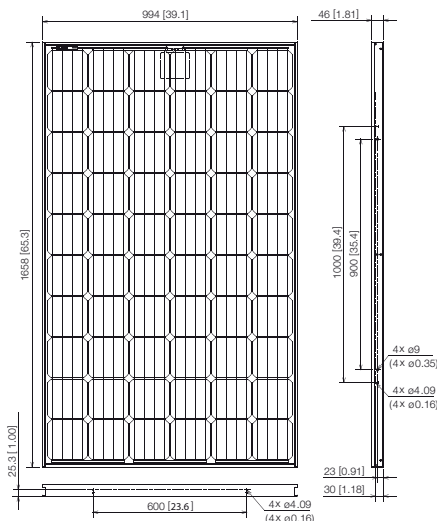


SPECIFICATIONS SHEET

Manufacturer	MITSUBISHI ELECTRIC	
Model name	PV-MJT250GB	PV-MJT245GB
Cell type	Monocrystalline silicon, 156 mm × 156 mm	
Number of cells	60 cells in a series	
Performance at STC		
Maximum power rating (Pmax)	250 W	245 W
Warranted minimum Pmax	242,5 W	237.7 W
Tolerance of maximum power rating	+/-3 % (The average Pmax of each pair of modules has a positive tolerance)	
Open circuit voltage (Voc)	37,4 V	37.2 V
Short circuit current (Isc)	8,80 A	8.69 A
Maximum power voltage (Vmp)	30,2 V	30.0 V
Maximum power current (Imp)	8,28 A	8.17 A
Normal operating cell temperature (NOCT)	47 °C	
Performance at NOCT (at 800 W/m ²)*		
Maximum power rating (Pmax)	182 W	177 W
Open circuit voltage (Voc)	34,0 V	33.8 V
Short circuit current (Isc)	7,13 A	7.04 A
Maximum power voltage (Vmp)	27,2 V	27.0 V
Maximum power current (Imp)	6,62 A	6.54 A
Maximum system voltage	1000 V	
Fuse rating	15 A	
Dimensions	1658 × 994 × 46 mm (65.3 × 39.1 × 1.81 inches)	
Weight	20 kg	
Output terminal	(+/-) 800 mm / (-) 1250 mm with MC connector (PV-KTB4/6I-UR, PV-KST4/6I-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 800 W/m², ambient temp. 20 °C, wind speed 1 m/s

DRAWINGS AND DIMENSIONS



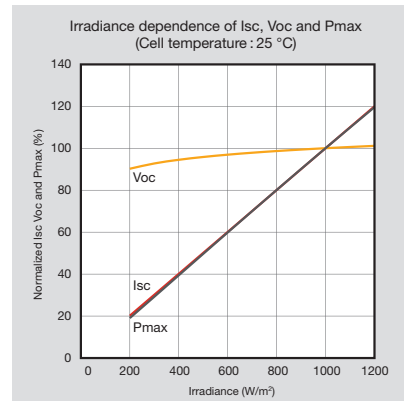
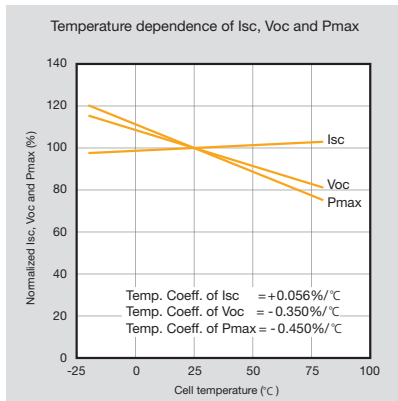
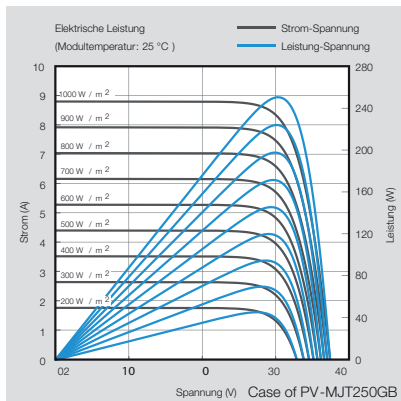
Unit: mm [inch]



- Periodic inspection
- Qualified, IEC 61215
- Safety tested, IEC 61730



ELECTRICAL CHARACTERISTICS



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