

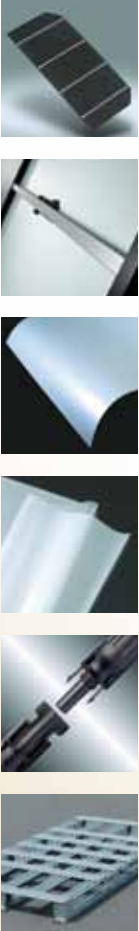
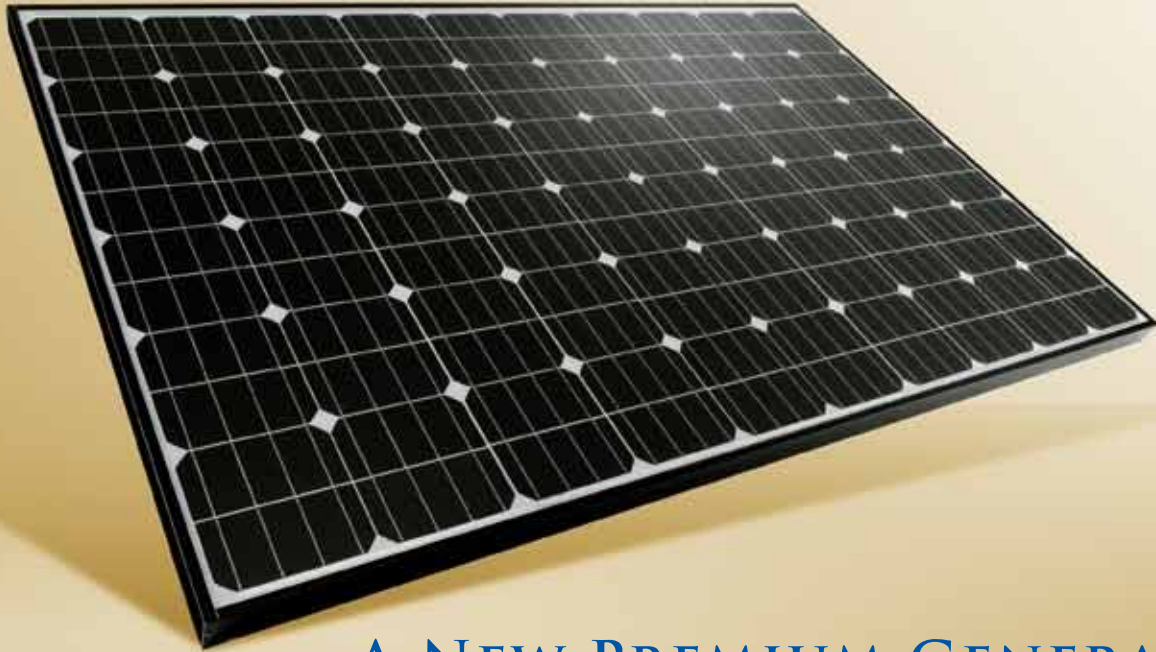
MLT Series

PV-MLT265HC 265Wp

PV-MLT260HC 260Wp

PV-MLT255HC 255Wp

PV-MLT250HC 250Wp



A NEW PREMIUM GENERATION

ADVANCED TECHNOLOGY

- Low-loss, half-cut cells
- Selective emitter doping process
- 4 busbar monocrystalline cells
- Proprietary cell surface texturing process for greater light absorption
- Anti-reflective glass
- Optimum tab thickness
- Lead-free solder connections



LONG RELIABILITY

- Outstanding durability and protection against the elements allows the module to be installable even in high-saline areas*
- Stronger improved frame allows the module to be fastened using the short frame sides
- Passed IEC static load test of 5400Pa
- Frame has a protective double layer of corrosion-resistant coating
- 4-layer protective junction box
- Highly heat-resistant diodes



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

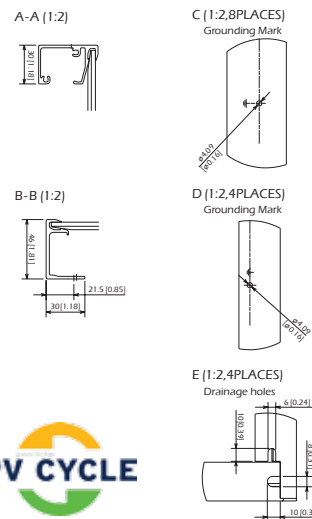
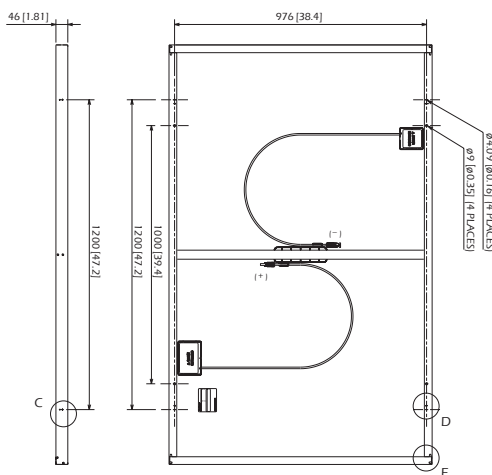
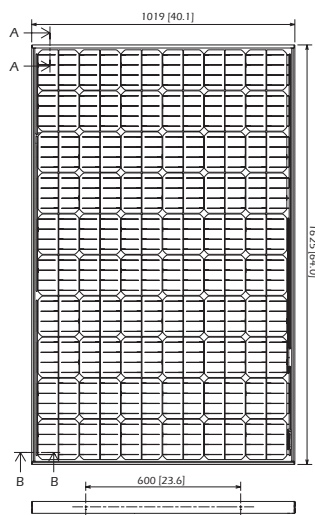
MITSUBISHI ELECTRIC QUALITY

- 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
- Every cell is marked with a unique dot-matrix code for traceability during the cell production process

SPECIFICATIONS SHEET

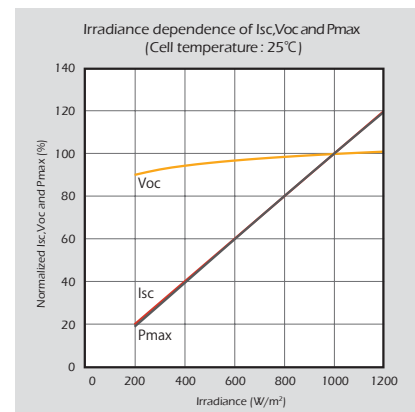
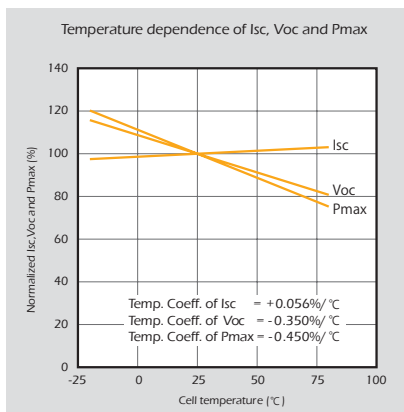
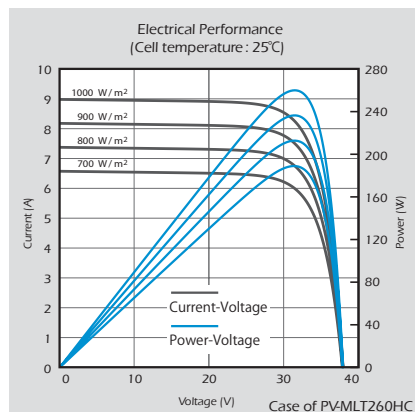
Manufacturer	MITSUBISHI ELECTRIC			
	PV-MLT265HC	PV-MLT260HC	PV-MLT255HC	PV-MLT250HC
Model name				
Cell type	Monocrystalline silicon, 78mm × 156mm			
Number of cells	120 cells			
Maximum power rating (Pmax)	265W	260W	255W	250W
Warranted minimum Pmax	257.1W	252.2W	247.4W	242.5W
Tolerance of maximum power rating	+/-3%			
Open circuit voltage (Voc)	38.2V	38.0V	37.8V	37.6V
Short circuit current (Isc)	9.08A	8.98A	8.89A	8.79A
Maximum power voltage (Vmp)	31.7V	31.4V	31.2V	31.0V
Maximum power current (Imp)	8.38A	8.29A	8.18A	8.08A
Normal operating cell temperature (NOCT)	47 °C			
Maximum system voltage	1000V			
Fuse rating	15A			
Dimensions	1625×1019×46mm (64.0×40.1×1.8inches)			
Weight	20kg (44lbs.)			
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	16.0%	15.7%	15.4%	15.1%
Packing condition	2 pcs / 1 carton			
Certificates	IEC 61215 Second Edition, IEC 61730			
Output Warranty	90% of rated minimum Pmax for 10 years 80% of rated minimum Pmax for 25 years			

DRAWINGS AND DIMENSIONS



Unit:mm [inch]

ELECTRICAL CHARACTERISTICS



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