

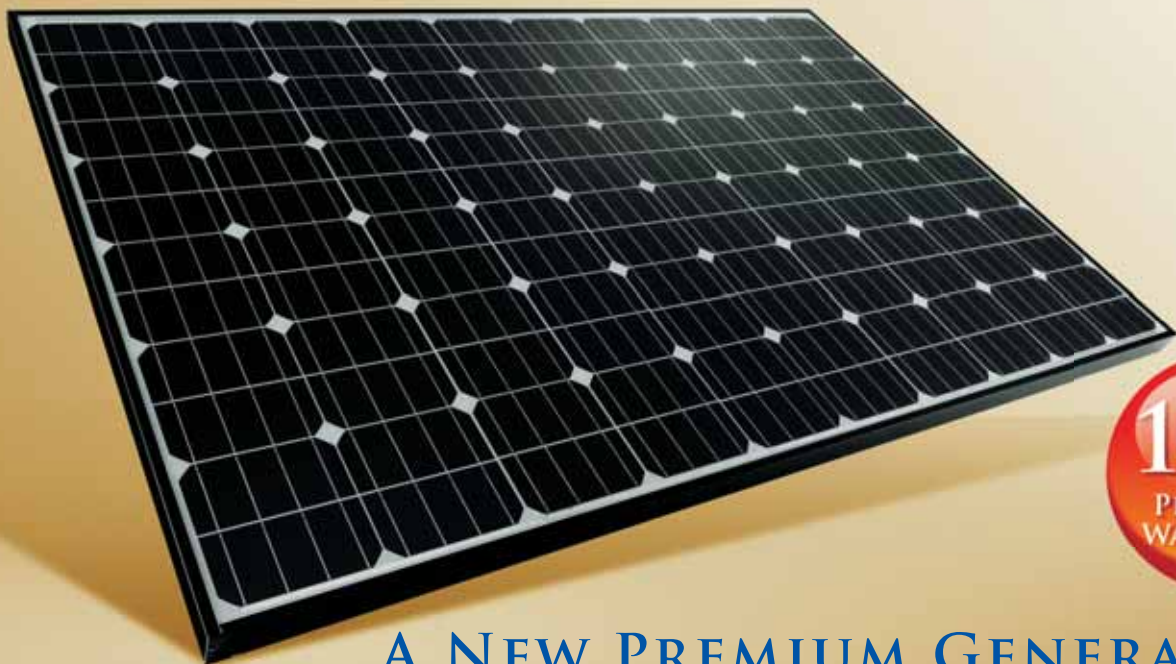
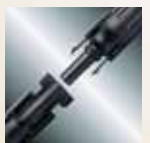
MLT Series

PV-MLT265HC 265 Wp

PV-MLT260HC 260 Wp

PV-MLT255HC 255 Wp

PV-MLT250HC 250 Wp



## 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

for a greener tomorrow

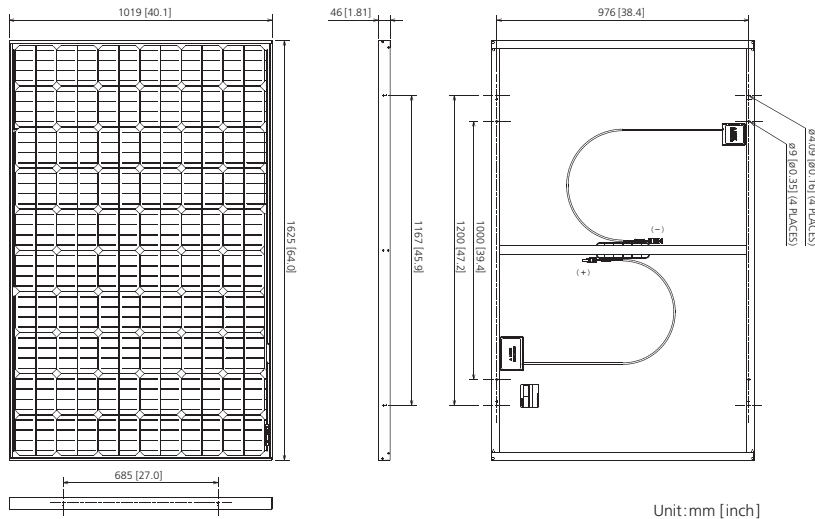


**SPECIFICATIONS SHEET**

Manufacturer	MITSUBISHI ELECTRIC			
Model name	PV-MLT265HC	PV-MLT260HC	PV-MLT255HC	PV-MLT250HC
Cell type	Monocrystalline silicon, 78 mm × 156 mm			
Number of cells	120 cells			
Performance at STC				
Maximum power rating (Pmax)	265 W	260 W	255 W	250 W
Warranted minimum Pmax	257.1 W	252.2 W	247.4 W	242.5 W
Tolerance of Pmax	+/-3 % (The average Pmax of each pair of modules has a positive tolerance)			
Open circuit voltage (Voc)	38.2 V	38.0 V	37.8 V	37.6 V
Short circuit current (Isc)	9.08 A	8.98 A	8.89 A	8.79 A
Maximum power voltage (Vmp)	31.7 V	31.4 V	31.2 V	31.0 V
Maximum power current (Imp)	8.38 A	8.29 A	8.18 A	8.08 A
Performance at NOCT (at 800 W/m <sup>2</sup> )*				
Maximum power rating [Pmax]	191 W	187 W	184 W	180 W
Open circuit voltage [Voc]	34.7 V	34.5 V	34.4 V	34.2 V
Short circuit current [Isc]	7.35 A	7.27 A	7.20 A	7.12 A
Maximum power voltage [Vmp]	28.5 V	28.3 V	28.1 V	27.9 V
Maximum power current [Imp]	6.70 A	6.63 A	6.54 A	6.46 A
Normal operating cell temperature (NOCT)	47°C			
Maximum system voltage	1000 V			
Fuse rating	15 A			
Dimensions	1625 × 1019 × 46 mm (64.0 × 40.1 × 1.81 inches)			
Weight	20 kg (44 lbs.)			
Output terminal	(+) 800 mm/(-) 1250 mm 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			
Product Warranty	10 years			
Output Warranty	90 % of rated minimum Pmax for 10 years, 80 % of rated minimum Pmax for 25 years			

**DRAWINGS AND DIMENSIONS**

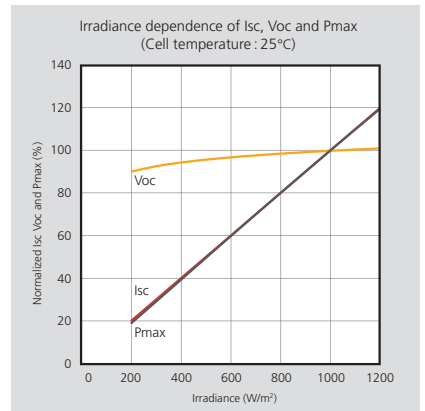
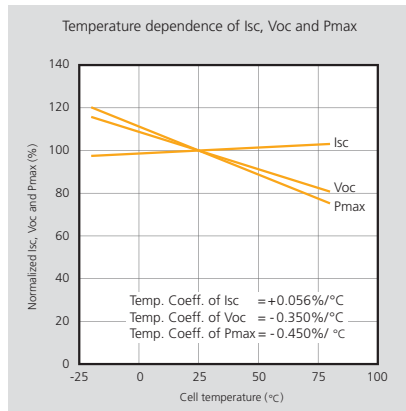
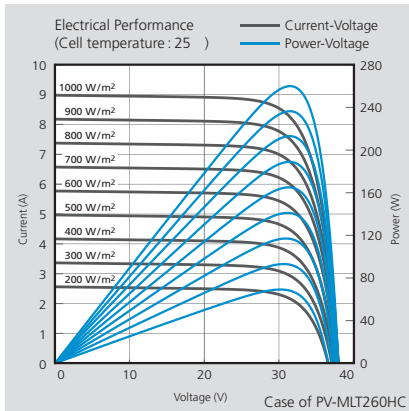
\*Measured at 800W/m<sup>2</sup>, ambient temp. 20°C, wind speed 1m/s



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



**ELECTRICAL CHARACTERISTICS**



**Mitsubishi Electric Europe B.V.**  
Photovoltaic Division  
Gothaer Str. 8  
D-40880 Ratingen  
Phone: +49 (0) 2102 486 1593  
Fax: +49 (0) 2102 486 1537  
Web: www.mitsubishi-pv.de  
E-Mail: info@mitsubishi-pv.de

Your dealer is: