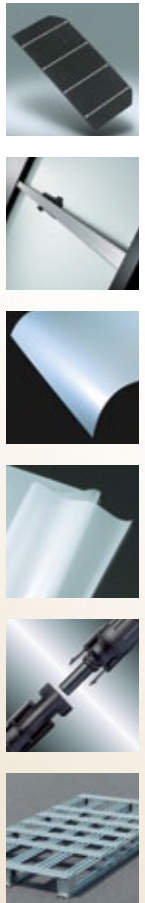


MLT Series

|             |        |
|-------------|--------|
| PV-MLT265HC | 265 Wp |
| PV-MLT260HC | 260 Wp |
| PV-MLT255HC | 255 Wp |



## A New Premium Generation

### Advanced Technology

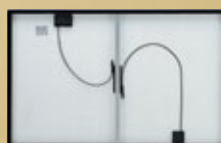
- Low-loss, half-cut cells
- Selective emitter doping process
- 4 busbar monocrystalline cells
- Proprietary cell surface texturing process for greater light absorption.
- Anti-reflective glass
- Optimum tab thickness
- Lead-free solder connections

### 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
- 10 year product warranty

### 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.



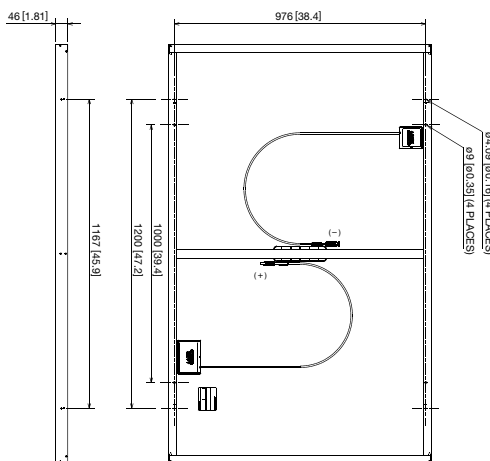
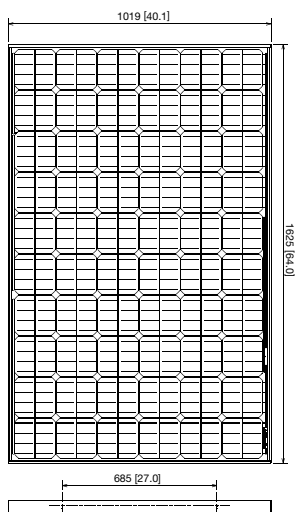
\*Excluding areas in which the module is directly exposed to salt water.

**SPECIFICATIONS SHEET**

|   |   |             |             |
|---|---|-------------|-------------|
| Manufacturer                                    | MITSUBISHI ELECTRIC   |             |             |
| Model name                                      | PV-MLT265HC   | PV-MLT260HC | PV-MLT255HC |
| Cell type                                       | Monocrystalline silicon, 78 mm x 156 mm   |             |             |
| Number of cells                                 | 120 cells   |             |             |
| Performance at STC                              |   |             |             |
| Maximum power rating (Pmax)                     | 265 W   | 260 W       | 255 W       |
| Tolerance of Pmax                               | + 3%  | + 3%        | + 3%        |
| Open circuit voltage (Voc)                      | 38.2 V  | 38.0 V      | 37.8 V      |
| Short circuit current (Isc)                     | 9.08 A  | 8.98 A      | 8.89 A      |
| Maximum power voltage (Vmp)                     | 31.7 V  | 31.4 V      | 31.2 V      |
| Maximum power current (Imp)                     | 8.38 A  | 8.29 A      | 8.18 A      |
| Performance at NOCT (at 800 W/m <sup>2</sup> )* |   |             |             |
| Maximum power rating [Pmax]                     | 191 W   | 187 W       | 184 W       |
| Open circuit voltage [Voc]                      | 34.7 V  | 34.5 V      | 34.4 V      |
| Short circuit current [Isc]                     | 7.35 A  | 7.27 A      | 7.20 A      |
| Maximum power voltage [Vmp]                     | 28.5 V  | 28.3 V      | 28.1 V      |
| Maximum power current [Imp]                     | 6.70 A  | 6.63 A      | 6.54 A      |
| Maximum system voltage                          | 1000 V  |             |             |
| Fuse rating                                     | 15 A  |             |             |
| Dimensions                                      | 1625 x 1019 x 46 mm (64.0 x 40.1 x 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)<br>Cable conforms with TÜV Specification 2 PFG 1169/08.2007 |             |             |
| Module efficiency                               | 16.0 %  | 15.7 %      | 15.4 %      |
| 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  |             |             |

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

**DRAWINGS AND DIMENSIONS**



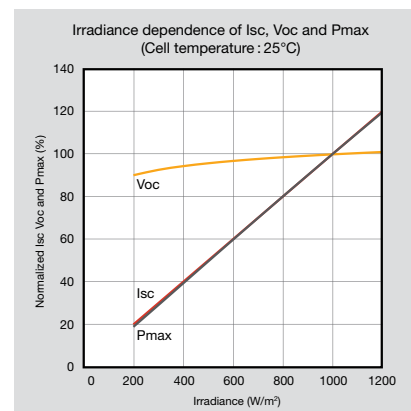
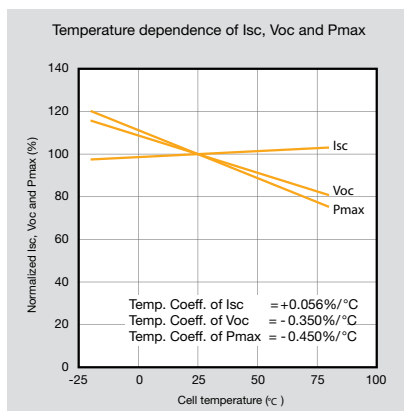
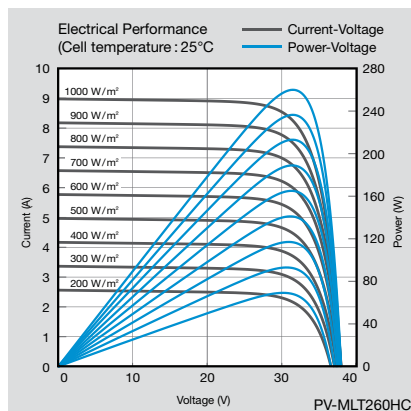
Unit:mm [inch]



- 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: