

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.

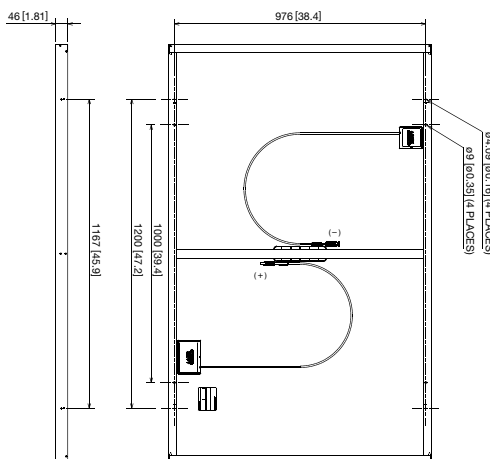
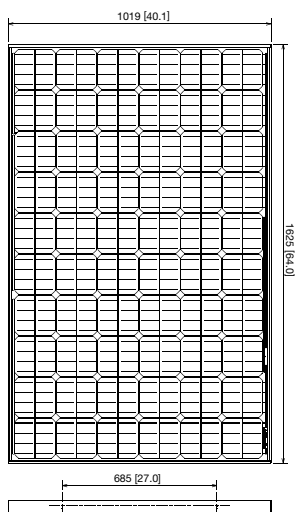


SPECIFICATIONS SHEET

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 ²)*			
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) 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/m², ambient temp. 20°C, wind speed 1m/s

DRAWINGS AND DIMENSIONS



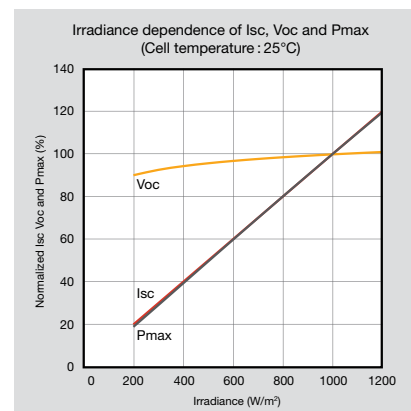
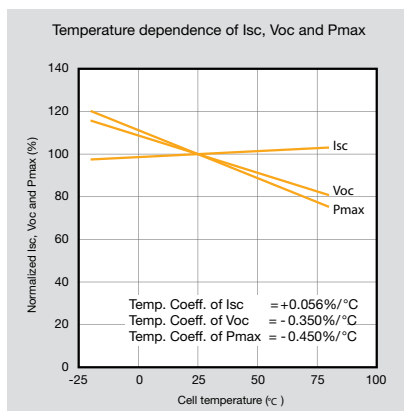
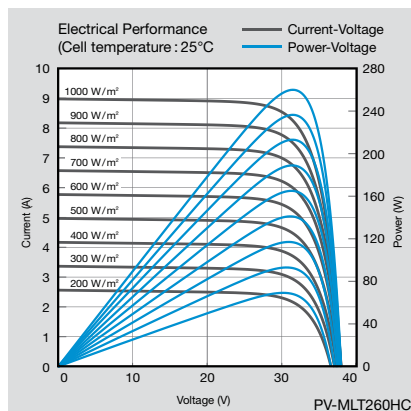
Unit:mm [inch]



- 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: