

PV-MF185TD4<sub>185Wp</sub>  
PV-MF180TD4<sub>180Wp</sub>  
PV-MF175TD4<sub>175Wp</sub>  
PV-MF170TD4<sub>170Wp</sub>



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**High Efficiency**

- Solder-coatingless cells
- Fine Grid Electrodes
- BSF (Back Surface Field) Structure
- Anti-Reflective Coating
- Back Film Reflected Light
- Cerium-Free/High-Transmittance Glass
- High Power Output in Actual Use

**High Reliability**

- Original derating designing concept
- Straight Tabs
- Double-Sided Independent Tabs
- Reliable Bus Bar
- High-Corrosion resistance of Frame
- High Tensile Strength Structure
- Hollow-less Structure Frame
- Tempered Glass
- Triple-Layer Structure Back Film

**High Safety**

- Triple-Layer Structure Junction Box
- Highly Reliable Bypass Diode
- Lock Mechanism Equipped Connectors
- Conformity with IEC 61215, TÜV Safety Class II

**Eco-Friendly**

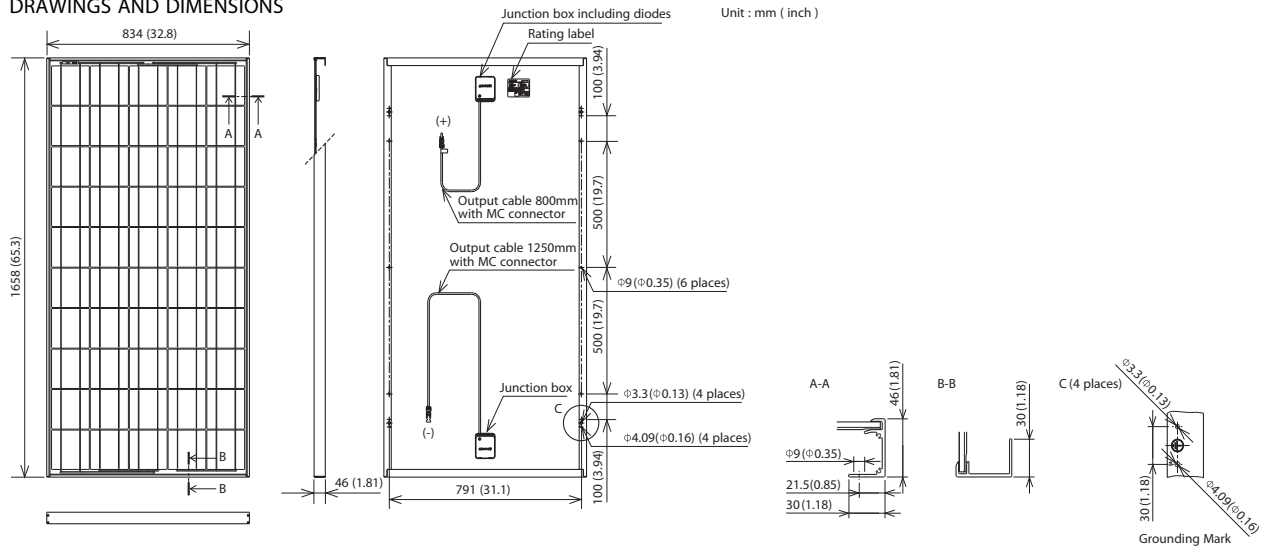
- Lead-free solder PV module
- Manufactured in the plant certified ISO 14001
- Recyclable steel pallets



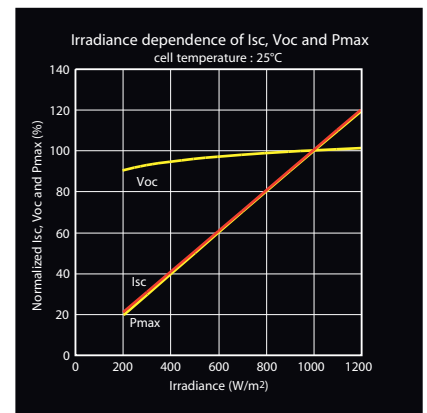
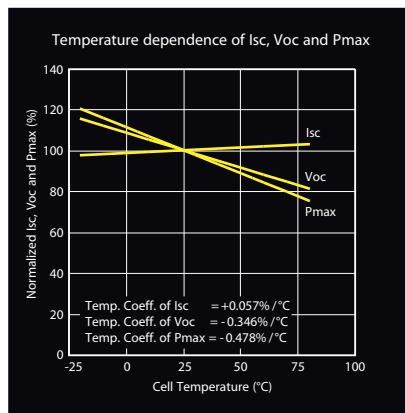
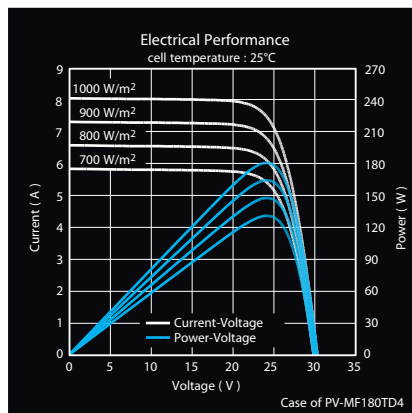
SPECIFICATION SHEET

Manufacturer	MITSUBISHI ELECTRIC			
Model name	PV-MF185TD4	PV-MF180TD4	PV-MF175TD4	PV-MF170TD4
Cell type	Polycrystalline silicon, 156 x 156 mm square, Solder-coatingless			
Number of cells	50 cells in a series			
Maximum power rating(Pmax)	185W	180W	175W	170W
Warranted minimum Pmax	175.8W	171.0W	166.3W	161.5W
Open circuit voltage (Voc)	30.6V	30.4V	30.2V	29.9V
Short circuit current (Isc)	8.13A	8.03A	7.93A	7.83A
Maximum power voltage (Vmp)	24.4V	24.2V	23.9V	23.7V
Maximum power current (Imp)	7.58A	7.45A	7.32A	7.19A
Maximum system voltage	DC 780V			
Fuse rating	15A			
Output terminal	(+) 800mm/(-) 1250mm with MC connector			
Dimensions	1658x834x46mm(65.3x32.6x1.81 inch)			
Weight	19.5kg(43.0lbs)			
Module efficiency	13.4%	13.0%	12.7%	12.3%
Packing condition	2 pcs - 1 carton			
Certificate	IEC 61215, TÜV Safety Class 780 VDC			

DRAWINGS AND DIMENSIONS



ELECTRICAL CHARACTERISTICS



**MITSUBISHI ELECTRIC CORPORATION**

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<http://Global.MitsubishiElectric.com/solar>