



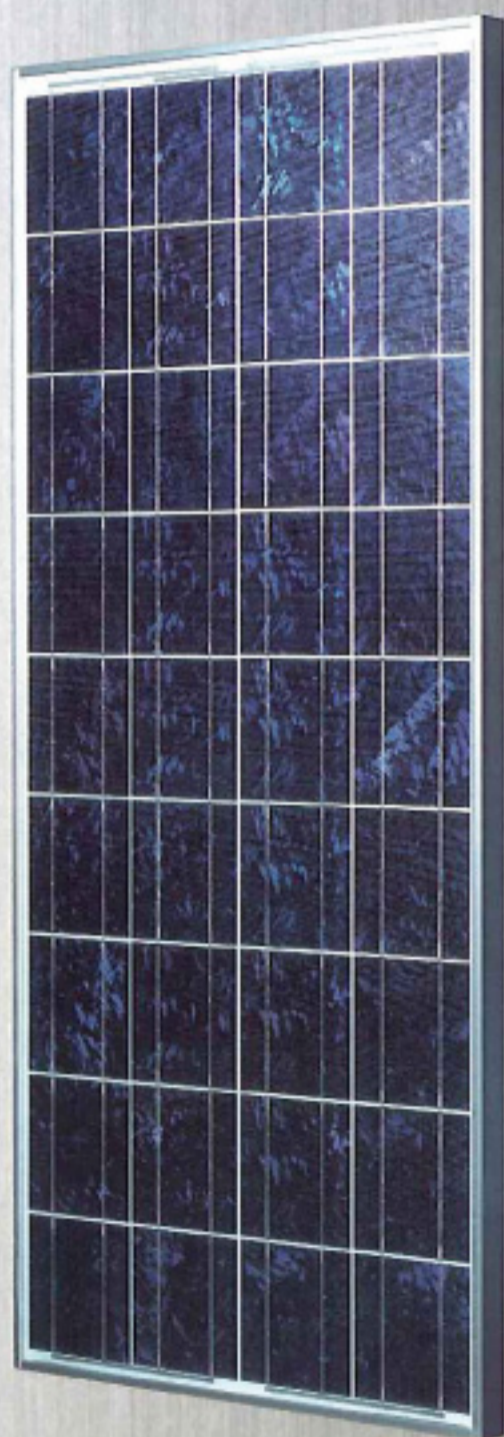
**MITSUBISHI
ELECTRIC**

PHOTOVOLTAIC MODULE

Changes for the Better



PV-MF130TE4N 130Wp
PV-MF125TE4N 125Wp
PV-MF120TE4N 120Wp
PV-MF115TE4N 115Wp



**T
i
Q
o
n
a
l
i
t
y**

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

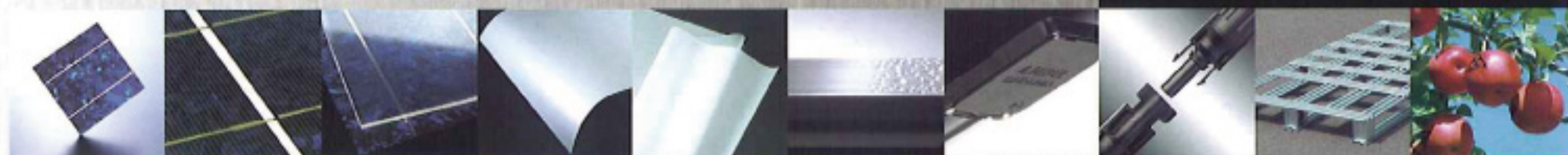
- Original derating designing concept
- Straight Tabs
- Double-Sided Independent Tabs
- Reliable Bus Bar
- High-Corrosion resistance of Frame
- High Tensile Strength Structure
- Hollow-less Structure Frame
- Tempered Glass
- Triple-Layer Structure Back Film

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

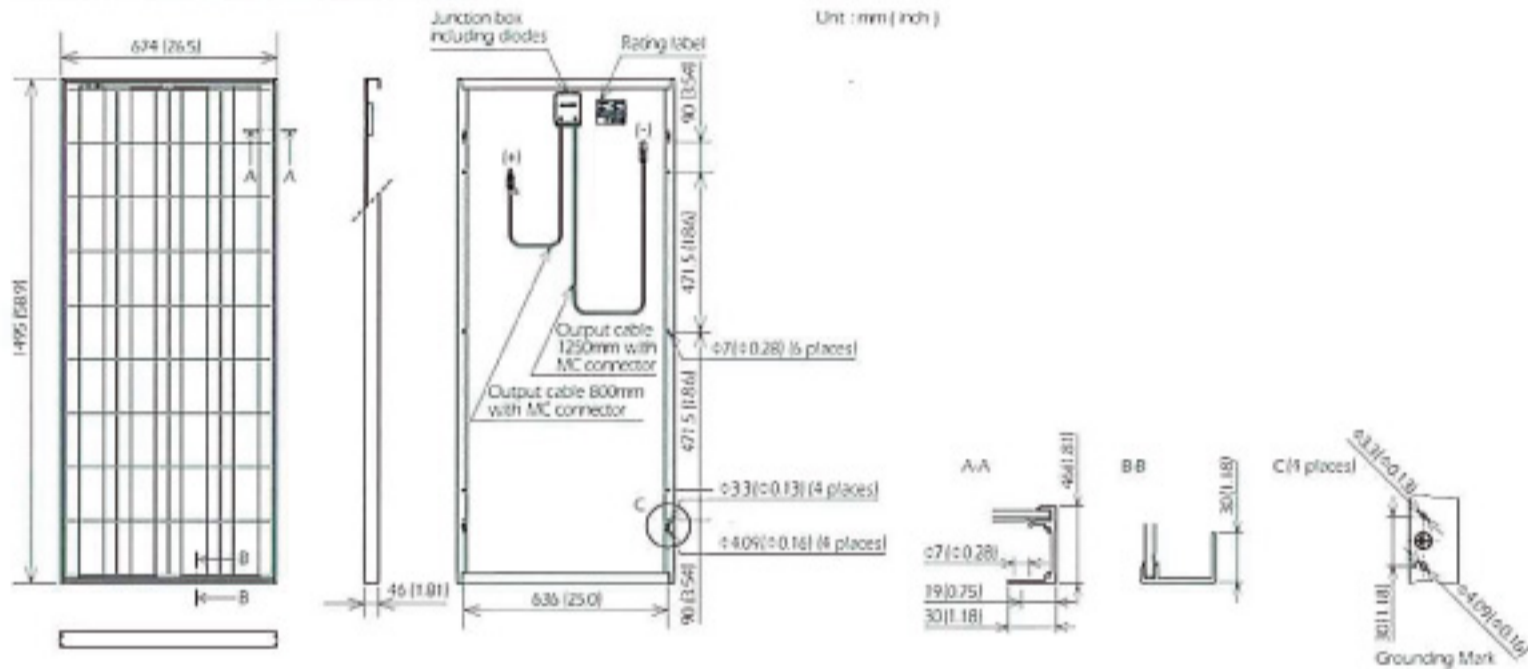
- Lead-free solder PV module
- Manufactured in the plant certified ISO 14001
- Recyclable steel pallets



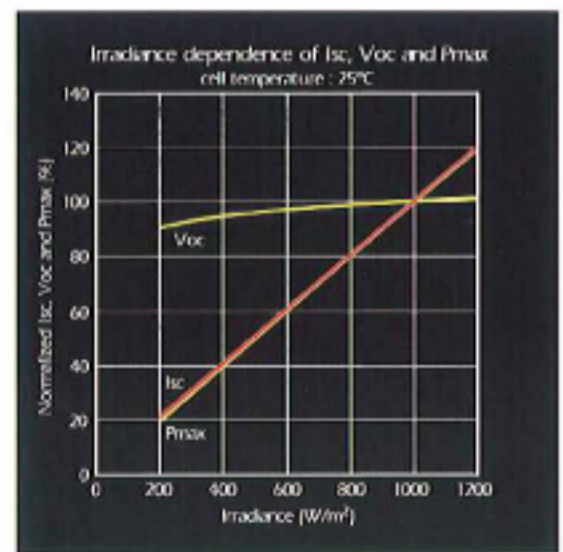
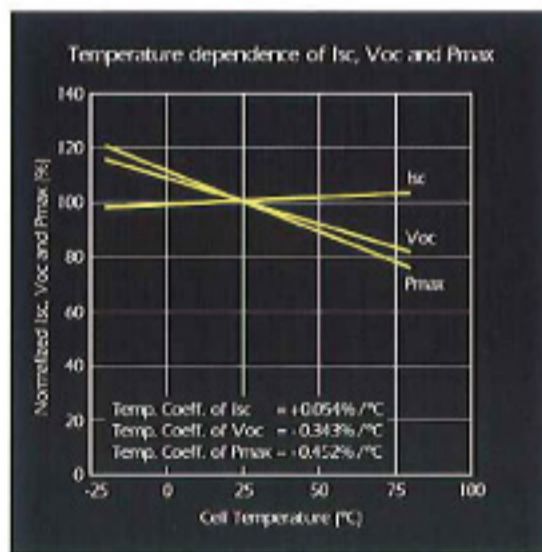
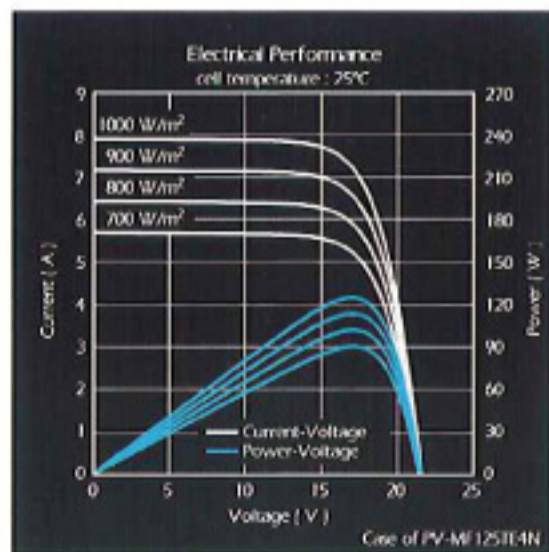
SPECIFICATION SHEET

Manufacturer	MITSUBISHI ELECTRIC			
Model name	PV-MF130TE4N	PV-MF125TE4N	PV-MF120TE4N	PV-MF115TE4N
Cell type	Polycrystalline Silicon, 156mm x 156mm, Solder-coatingless			
Number of cells	36 cells in a series			
Maximum power rating(Pmax)	130W	125W	120W	115W
Warranted minimum Pmax	123.5W	118.8W	114W	109.3W
Open circuit voltage (Voc)	21.9V	21.8V	21.6V	21.5V
Short circuit current (Isc)	8.05A	7.9A	7.75A	7.6A
Maximum power voltage (Vmp)	17.4V	17.3V	17.2V	17.1V
Maximum power current (Imp)	7.47A	7.23A	6.99A	6.75A
Maximum system voltage	DC 780V			
Fuse rating	15A			
Output terminal	(+)- 800mm/(-) 1250mm with MC connector			
Dimensions	1495x674x46mm(58.9x26.5x1.8inch)			
Weight	13.5kg(29.8lbs)			
Module efficiency	12.9%	12.4%	11.9%	11.4%
Packing condition	2 pcs - 1 carton			
Certificate	IEC 61215, TÜV Safety Class II 780 VDC			

DRAWINGS AND DIMENSIONS



ELECTRICAL CHARACTERISTICS



MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
<http://Global.MitsubishiElectric.com/solar>