

PV-AE130MF5N 130Wp
PV-AE125MF5N 125Wp
PV-AE120MF5N 120Wp
PV-AE115MF5N 115Wp

www.ptlsolar.com
info@ptlsolar.com

SOLAR MODULES



T o p
Q u 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

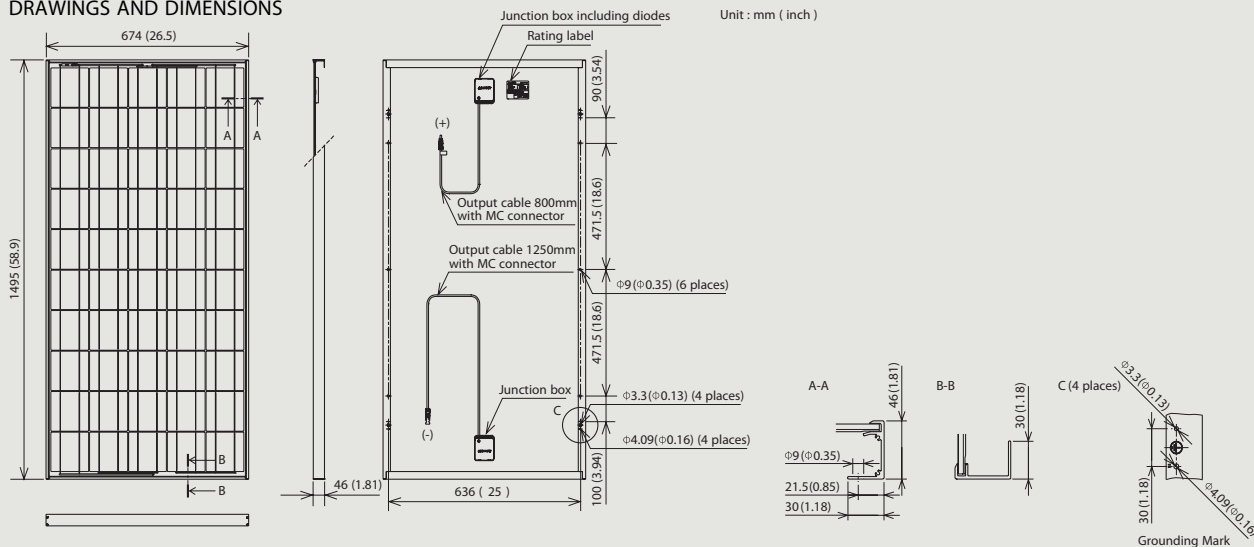


MITSUBISHI ELECTRIC PHOTOVOLTAIC MODULE

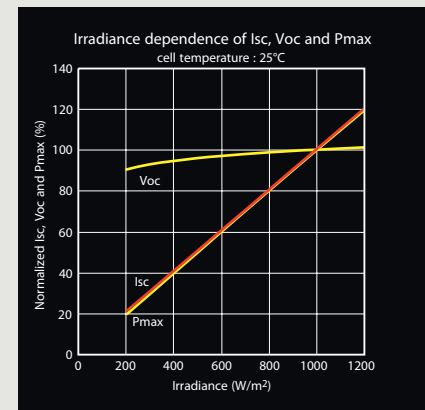
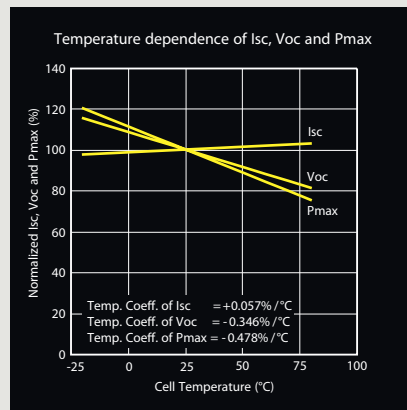
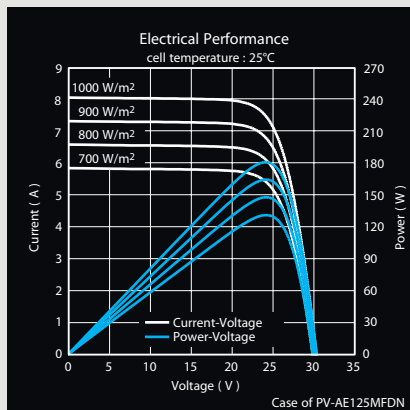
SPECIFICATION SHEET

Manufacturer	MITSUBISHI ELECTRIC			
Model name	PV-AE130MF5N	PV-AE125MF5N	PV-AE120MF5N	PV-AE115MF5N
Cell type	Polycrystalline silicon, 156 x 156 mm square			
Number of cells	36 cells in a series			
Maximum power rating(Pmax)	130 W	125 W	120 W	115 W
Warranted minimum Pmax	123.5 W	118.8 W	114.0 W	109.3 W
Open circuit voltage (Voc)	21.9 V	21.8 V	21.6 V	21.5 V
Short circuit current (Isc)	8.05 A	7.9 A	7.75 A	7.6 A
Maximum power voltage (Vmp)	17.4 V	17.3 V	17.2 V	17.1 V
Maximum power current (Imp)	7.47 A	7.23 A	6.99 A	6.75 A
Maximum system voltage	DC 1000 V			
Fuse rating	15A			
Output terminal	(+)- 800mm/(-) 1250mm with MC connector			
Dimensions	1495 x 674 x 46mm(58.9 x 26.5 x 1.81 inch)			
Weight	13.5kg(29.8 lbs)			
Module efficiency	12.9%	12.4%	11.9%	11.4%
Packing condition	2 pcs - 1 carton			
Certificate	IEC 61215 edition 2 (static load test 2400Pa passed)			

DRAWINGS AND DIMENSIONS



ELECTRICAL CHARACTERISTICS



GREEN ENERGY LLC / GESOLAR FZ LLC

(An ISO 9001:2000 certified company)

#12 Dubai Creek Tower
PO Box 120599, Dubai, UAE
Tel: +971 4 2282456, Fax: +971 4 2215234
info@ptlsolar.com, www.ptlsolar.com

UAE
Nigeria
New Zealand