

# Certificate

Registration No.: PV 60020125

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Report No.: 21207328-3

**License Holder:**

Mitsubishi Electric Corp.  
Photovoltaic Power System Business Center  
Nakatsugawa Works  
1-3 Komaba-cho, Nakatsugawa-city  
Japan

**Manufacturing Plant:**

Mitsubishi Electric Corp.  
Kyoto Works  
1 Zusho baba  
Nagaokakyo-shi, Kyoto-fu, 617-8550  
Japan

**Product:**

PV Modules

**Types:**

PV-TE115MF5N; PV-TE120MF5N;  
PV-TE125MF5N; PV-TE130MF5N;  
PV-TE135MF5N; PV-TD160MF5;  
PV-TD165MF5; PV-TD170MF5;  
PV-TD175MF5; PV-TD180MF5;  
PV-TD185MF5; PV-TD190MF5;  
PV-TD195MF5

**Basis:**

- IEC 61730-1:2004  
IEC 61730-2:2004  
EN 61730-1:2007  
EN 61730-2:2007  
"Photovoltaic (PV) module safety qualification"

- Factory Inspection**  
To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

**Remarks:**

- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Cass A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 21208367

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.  
**The certificate is valid until 27 September 2012.**



Cologne, 13 December 2007

Dipl.-Ing. M. Adrian