

Certificate

Registration No.: PV 72170123

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Report No.: 31683932.010

License Holder:

Mission Solar Energy
8303 S. New Braunfels Ave.
San Antonio, TX 78235
USA

Product:

Photovoltaic Module 6" mono c-Si cells:

Manufacturing Plant:

Mission Solar Energy
8303 S. New Braunfels Ave.
San Antonio, TX 78235
USA

Model Designation:

- 1) MSExxxSQ6S (xxx=345-365),
- 2) MSExxxSO6J (xxx=320-350),
- 3) MSExxxSQ6W (xxx=335-355),
- 4) MSExxxSO6W (xxx=320-340),
- 5) MSExxxSQ5K (xxx=285-305),
- 6) MSExxxSO5K (xxx=270-290)

Basis:

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

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



IEC 61215
IEC 61730
Regular Production
Surveillance
Valid for:
5 Years max.

www.tuv.com
ID 1234500759

Remarks:

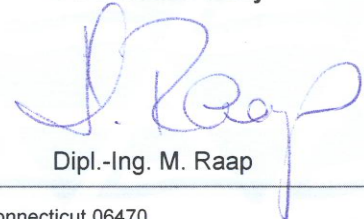
- IEC 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1,000 VDC**.
- The details of the factory inspection are documented in TUV Report No. Q0806134.001.
- Model Designations were added for a 72 cell (1-4)) and 60 cell (5-6)) version of the product, see above.

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.

This certificate is valid until January 19, 2022.

Certification Body


Dipl.-Ing. M. Raap

Newtown, April 24, 2017

Certification Body: TÜV Rheinland of North America, Inc., 12 Commerce Road. Newtown, Connecticut 06470
Testing Laboratory: TÜV Rheinland PTL, LLC, 1107 W. Fairmont Drive, Building A, Tempe, Arizona 85282