



Product Service

CERTIFICATE

No. Z2 102292 0001 Rev. 04

Holder of Certificate: **Mission Solar Energy LLC**
8303 South New Braunfels Avenue
San Antonio TX 78235
USA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061904201-04

Valid until: 2028-07-20

Date, 2023-07-21

(David Bo)

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Model(s):

72 156, M2 cell modules

MSExxxSQ7S, (xxx=355-385, in step of 5W)

MSExxxSQ9S, (xxx=355-385, in step of 5W)

MSExxxSO9J, (xxx=330-350, in step of 5W)

MSExxxSO7J, (xxx=330-350, in step of 5W)

60 156, M2 cell modules:

MSExxxSQ8T, (xxx=285-320, in step of 5W)

MSExxxSQ8K, (xxx=290-325, in step of 5W)

72 158, M3 cell modules:

MSExxxSR7S, (xxx=375-400, in step of 5W)

MSExxxSR9S, (xxx=375-400, in step of 5W)

60 158, M3 cell modules:

MSExxxSR8T, (xxx=310-330, in step of 5W)

MSExxxSR8K, (xxx=315-335, in step of 5W)

72 166, M6 cell modules:

MSExxxSX6S, (xxx=405-425, in step of 5W)

MSExxxSX6W, (xxx=405-425, in step of 5W)

MSExxxSX6Z, (xxx=405-425, in step of 5W)

MSExxxSX9W, (xxx=420-440, in step of 5W)

MSExxxSX9Z, (xxx=415-435, in step of 5W)

60 166, M6 cell Modules:

MSExxxSX5T, (xxx=335-350, in step of 5W)

MSExxxSX5K, (xxx=330-355, in step of 5W)

MSExxxSX9T, (xxx=340-360, in step of 5W)

MSExxxSX9K, (xxx=345-365, in step of 5W)

66 166, M6 cell Modules:

MSExxxSX5R, (xxx=375-390, in step of 5W)

MSExxxSX9R, (xxx=380-400, in step of 5W)

120 M10 10BB half-cell modules:

MSExxxHT2B (xxx=440-460W, in step of 5W)

120 M10 10BB half-cell modules:

MSExxxHT0B (xxx=390-410W, in step of 5W)

xxx is standing for the rated output power at STC.



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Parameters:

Fire safety Class:	Class C
Application Class:	Class A
Max. System Voltage:	1000V DC (family MExxxSQ7S, MExxxSO7J, MExxxSR7S, MExxxSQ8T, MExxxSQ8K, MExxxSR8T, family MExxxSR8K, family MExxxSX5T, family MExxxSX5K, family MExxxSX5R, family MExxxSX9T, family MExxxSX9K and family MExxxHT2B, MExxxHT0B and family MExxxSX9R)
Test Laboratory:	Renewable Energy Test Center. 46457 Landing Parkway Fremont CA, 94538.
Construction:	Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215:2005
 IEC 61730-1:2004
 IEC 61730-1:2004/AMD1:2011
 IEC 61730-1:2004/AMD2:2013
 IEC 61730-2:2004
 IEC 61730-2:2004/AMD1:2011
 EN 61730-1:2007/A11:2014
 EN 61730-2:2007/A1:2012