



# Confirmation of Test Results

## PV-Module comparative testing – Thresher test

**Reference No.** : 10006/2018-40185

**Applicant** : First Solar Inc.  
350 West Washington Road, Tempe AZ 85281, USA

**Product** : CdTe Thin-film Terrestrial Photovoltaic (PV) Modules

**Type** : Series FS-6XXX, Series FS-6XXXA  
XXX in the type replaces the power in watt and can be any number between: 365 – 445

**Manufacturer** : First Solar Inc.

**Test** : PV-Module comparative testing, Thresher Test

### Pass criteria

Visual Inspection : As defined in IEC 61215-2:2016, MQT 01

Power degradation : < 5%

Dry Insulation : As defined in IEC 61730-2:2016, MST 16

Wet insulation : As defined in IEC 61730-2:2016, MST 17

### Summary of test results:

Visual inspection : No findings

Power degradation : required < 5 %  
measured max. 2.2 %  
The measured degradation is below the allowed degradation.

Dry insulation resistance : required 16.2 MΩ  
measured min. 88 MΩ  
The measured dry insulation resistance is above the limit.

Wet insulation resistance : required 16.2 MΩ  
measured min. 75 MΩ  
The measured wet insulation resistance is above the limit.

The complete test results are given in Test Report No.: TRPVM-2018-40185-2

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