



# Confirmation of Test Result

IEC 61730-2:2016

Photovoltaic (PV) Modules - MST23 Classification of the fire resistance in acc. with IEC 61730-2:2016, Annex B.2 (DIN CEN/TS 1187-1:2012-03, DIN EN 13501-5:2016-12)

**Ref.:** TRPVM-2020-40214

**Applicant:** SOLARWATT GmbH, Maria-Reiche-Straße 2a, 01109 Dresden

**Manufacturer:** SOLARWATT GmbH, Maria-Reiche-Straße 2a, 01109 Dresden

**Product:** **Crystalline silicon Photovoltaic (PV)-Modules**

**Standard:** IEC 61730-2:2016, Annex B.2  
DIN EN 13501-5:2016-12  
DIN CEN/TS 1187-1:2012-03

**Type:** Vision 60M  
Vision 60M style  
Vision 60M style (black edition)  
Vision 60M black  
Vision 60M high power  
Vision 60M build  
Vision 60P  
Vision 60P style

**Test conditions:** Roof pitch 15° / 45°

**Pass criteria:** Internal fire spread in upward direction < 0,70 m  
External fire spread in upward direction < 0,70 m  
Internal fire spread in downward direction < 0,60 m  
External fire spread in downward direction < 0,60 m  
Max. burnt length up- and downward from basked Internal < 0,80 m  
Max. burnt length up- and downward from basked external < 0,80 m  
Lateral Fire spread < Edges  
Burning droplets/ debris falling from the exposed side No  
Fire penetration by flaming/ glowing particles No  
Single openings < 2,5 mm<sup>2</sup>  
Sum of openings < 4500 mm<sup>2</sup>  
Internal glowing No  
Max. radius of flame spread internal and external (horizontal roof) < 0,20 m

**Summary of test results:** All pass criteria for **B<sub>ROOF(t1)</sub>** according to DIN EN 13501-5:2016-12 have been met.

The complete test results and the relevant bill of materials are given in Test Report TRPVM-2020-40214-1, issued 2020-06-19.

VDE Renewables GmbH

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63755 Alzenau, 2020-08-19