



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-Str. 2a, 01109 Dresden

Manufacturer: SOLARWATT GmbH, Maria-Reiche-Str. 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 (1500V edition)
Vision 60M style Vision 60M style (1500V edition)
Vision 60M construct
Vision 60P style

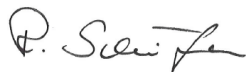
Test conditions: Roof pitch 15° / 45°

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 mm²
Sum of openings < 4500 mm²
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_{ROOF(t1)}** 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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