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.3 (ANSI/UL 790: 2004-04)

Ref.: **2022-40079**

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.3 (ANSI/UL 790: 2004-04)

Type: Change of type designation due to marketing reasons

Panel vision GM 3.0 (xxx Wp) pure
Panel vision GM 3.0 (xxx Wp) pure, low carbon
Panel vision GM 3.0 (xxx Wp) style
Panel vision GM 3.0 (xxx Wp) style, low carbon
Panel vision GM 3.0 (xxx Wp) construct
Panel vision GM 3.0 (xxx Wp) construct, low carbon
Panel vision GM 3.0 (xxx Wp) black
Panel vision GM 3.0 (xxx Wp) black, low carbon
Panel vision GM 3.0 (xxx Wp) black, HV
Panel vision GM 3.0 (xxx Wp) pure, HV
Panel vision GM 3.0 (xxx Wp) style, HV
Panel vision GM 3.0 (xxx Wp) construct, HV

Test conditions:	Velocity of the air	5,3 m/s ± 0,2 m/s
	Room temperature	10°C – 32°C
	Temperature burner for ignition of brands	888°C ± 10°C
	Temperature of test deck	760°C ± 28°C
Pass criteria:	Burning or glowing parts falling off	No
	Experience of sustained firing	≤ 5 s
	Burn-trough of the specimen	No
	Length of the flame propagation on the test specimen	< 1,82 m
	Lateral spread of flame on the test specimen	< 0,3 m

Summary of test results: All pass criteria for **Class A** for Spread of Flame and Burning Brand according to IEC 61730-2:2016, Annex B.3 (ANSI/UL 790: 2004-04) have been met.

The complete test results and the relevant bill of materials are given in Test Report TRPVM-2021-40748-1, issued 2022-03-17.

VDE Renewables GmbH

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63755 Alzenau, 2022-06-01

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