

CERTIFICATE

Issued to:
Applicant:
PEIMAR SRL
Via Cefalonia 70
25124 Brescia, Italy

Product : Photovoltaic (PV) Module(s)
Trade name(s) : PEIMAR
Type(s)/model(s) : PV module with mono c-Si cells

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC TS 62804-1:2015
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059962
- the licensee is registered with the number 44819

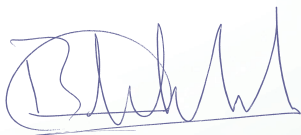
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 28 July 2022 and expires at the latest on 24 July 2027.

Certificate number: 31-124707

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Photovoltaic (PV) Module(s)
Trade name(s)	: PEIMAR
Type(s)/model(s)	: DBBxxxM, DBBxxxM (9BB), DBFxxxM, DBMxxxM, DBMxxxM (9BB), DBxxxM, DBxxxM (9BB), DExxxM, DFxxxM, DMxxxM, DMxxxM (9BB), SBxxxM, SExxxM (10BB), SExxxM (9BB), SFxxxM, SFxxxM (9BB), SlxxxM, SLxxxM, SM10M, SM20M, SM30M, SMxxxM and SMxxxM (9BB)
Test condition	: $\pm 1500V$, 85% RH, 85 °C, Stress method A with 192h

Product data – type DBBxxxM

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=380-420, in steps of 5W, 144 cells xxx=320-350, in steps of 5W, 120 cells
Fire Rating	: Class C according to UL790

Product data – type DBBxxxM (9BB)

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=380-420, in steps of 5W, 144 cells xxx=320-350, in steps of 5W, 120 cells
Fire Rating	: Class C according to UL790

Product data – type DBFxxxM

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=420-455, in steps of 5W, 72 cells xxx=350-380, in steps of 5W, 60 cells
Fire Rating	: Class C according to UL790

Product data – type DBMxxxM

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=380-420, in steps of 5W, 72 cells xxx=320-350, in steps of 5W, 60 cells
Fire Rating	: Class C according to UL790

Product data – type DBMxxxM (9BB)

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=380-420, in steps of 5W, 72 cells xxx=320-350, in steps of 5W, 60 cells
Fire Rating	: Class C according to UL790

Product data – type DBxxxM

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=380-420, in steps of 5W, 144 cells xxx=320-350, in steps of 5W, 120 cells

Fire Rating : Class C according to UL790

Product data – type DBxxxM (9BB)

Design : Double glass
PV module with mono c-Si cells
Description : xxx=380-420, in steps of 5W, 144 cells
xxx=320-350, in steps of 5W, 120 cells
Fire Rating : Class C according to UL790

Product data – type DExxxM

Design : Double glass
PV module with mono c-Si cells
Description : xxx=520-550, in steps of 5W, 144 cells
xxx=475-505, in steps of 5W, 132 cells
xxx=430-460, in steps of 5W, 120 cells
xxx=385-415, in steps of 5W, 108 cells
Fire Rating : Class C according to UL790

Product data – type DFxxxM

Design : Double glass
PV module with mono c-Si cells
Description : xxx=420-455, in steps of 5W, 72 cells
xxx=350-380, in steps of 5W, 60 cells
Fire Rating : Class C according to UL790

Product data – type DMxxxM

Design : Double glass
PV module with mono c-Si cells
Description : xxx=380-420, in steps of 5W, 72 cells
xxx=320-350, in steps of 5W, 60 cells
Fire Rating : Class C according to UL790

Product data – type DMxxxM (9BB)

Design : Double glass
PV module with mono c-Si cells
Description : xxx=380-420, in steps of 5W, 72 cells
xxx=320-350, in steps of 5W, 60 cells
Fire Rating : Class C according to UL790

Product data – type SBxxxM

Design : Backsheet
PV module with mono c-Si cells
Description : xxx=370-405, in steps of 5W, 144 cells
xxx=310-340, in steps of 5W, 120 cells
Fire Rating : Class C according to UL790

Product data – type SExxxM (10BB)

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=520-550, in steps of 5W, 144 cells
xxx=475-505, in steps of 5W, 132 cells
xxx=430-460, in steps of 5W, 120 cells
xxx=385-415, in steps of 5W, 108 cells

Fire Rating : Class C according to UL790

Product data – type SExxxM (9BB)

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=520-550, in steps of 5W, 144 cells
xxx=475-505, in steps of 5W, 132 cells
xxx=430-460, in steps of 5W, 120 cells
xxx=385-415, in steps of 5W, 108 cells

Fire Rating : Class C according to UL790

Product data – type SFxxxM

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=410-430, in steps of 5W, 72 cells
xxx=350-400, in steps of 5W, 66 cells
xxx=340-360, in steps of 5W, 60 cells

Fire Rating : Class C according to UL790

Product data – type SFxxxM (9BB)

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=415-435, in steps of 5W, 72 cells
xxx=350-400, in steps of 5W, 66 cells
xxx=345-365, in steps of 5W, 60 cells

Fire Rating : Class C according to UL790

Product data – type SlxxxM

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=390-415, in steps of 5W, 72 cells
xxx=325-350, in steps of 5W, 60 cells

Fire Rating : Class C according to UL790

Product data – type SLxxxM

Design : Backsheet
PV module with mono c-Si cells

Description : xxx=380-460, in steps of 5W, 144 cells
xxx=415-420, in steps of 5W, 132 cells
xxx=310-385, in steps of 5W, 120 cells

Fire Rating : Class C according to UL790

Product data – type SM10M

Design : Backsheet
PV module with mono c-Si cells

Description : 02 cells

Fire Rating : Class C according to UL790

Product data – type SM20M

Design	: Backsheet PV module with mono c-Si cells
Description	: 04 cells
Fire Rating	: Class C according to UL790

Product data – type SM30M

Design	: Backsheet PV module with mono c-Si cells
Description	: 06 cells
Fire Rating	: Class C according to UL790

Product data – type SMxxxM

Design	: Backsheet PV module with mono c-Si cells
Description	: xxx=335-405, in steps of 5W, 72 cells xxx=320-330, in steps of 5W, 66 cells xxx=280-315, in steps of 5W, 60 cells xxx=250-275, in steps of 5W, 54 cells xxx=220-245, in steps of 5W, 48 cells xxx=195-215, in steps of 5W, 42 cells xxx=170-190, in steps of 5W, 36 cells xxx=145-165, in steps of 5W, 32 cells xxx=130-140, in steps of 5W, 28 cells xxx=110-125, in steps of 5W, 24 cells xxx=095-105, in steps of 5W, 20 cells xxx=075-085, in steps of 5W, 16 cells xxx=060-065, in steps of 5W, 12 cells xxx=050-055, in steps of 5W, 10 cells xxx=040-045, in steps of 5W, 20 cells xxx=350-375, in steps of 5W, 72 cells xxx=290-315, in steps of 5W, 60 cells
Fire Rating	: Class C according to UL790

Product data – type SMxxxM (9BB)

Design	: Backsheet PV module with mono c-Si cells
Description	: xxx=375-400, in steps of 5W, 72 cells xxx=310-335, in steps of 5W, 60 cells
Fire Rating	: Class C according to UL790

TESTS**Test requirements**

IEC TS 62804-1:2015

Test result

The test results are laid down in DEKRA test file 612736000.

Additional information

The list of components is laid down in test report 6127360D.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 44819 and 60780.

Unique Identifier

