CERTIFICATE

Issued to:
Applicant:
FuturaSun S.R.L.
Riva del Pasubio 14
35013 Cittadella (PD), Italy

Licensee:
FuturaSun S.R.L.
Riva del Pasubio 14
35013 Cittadella (PD), Italy

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

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

DEKRA hereby declares that the above-mentioned product has been certified based on:
- an evaluation according to the standard(s) IEC 61215-1:2021, IEC 61215-1-1:2021, IEC 61215-2:2021, IEC 61730-1:2023 and IEC 61730-2:2023
- a periodic surveillance
- a DEKRA certification agreement with the number 6060102

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

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword	:	Module Tested
Keyword	:	Periodic Factory Inspection

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

This certificate is issued on 10 June 2024 and expires at the latest on 6 June 2029.

Certificate number: 31-119720 REV.5

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager

© Integral publication of this certificate is allowed

31-119720

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Photovoltaic (PV) Module(s)
Trade name(s)	:	FuturaSun
Type(s)/model(s)	:	FUxxxM, FUxxxMV, FUxxxMV Next, FUxxxMV Next Pro, FUxxxMV Silk Plus, FUxxxMV Silk Premium, FUxxxMV Silk Pro, FUxxxM Next, FUxxxM Next Pro, FUxxxM Silk Plus, FUxxxM Silk Premium, FUxxxM Silk Pro, FUxxxP, FUxxxPV, OGS 10 M, OGS 50 M and OGS 5 M
Protection Class	:	Class II
Pollution Degree	:	1
Fire Rating	:	Class C according to UL790

Product data – type FUxxxM

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=310-375, in steps of 5, 72 cells xxx=270-315, in steps of 5, 60 cells

Product data – type FUxxxM Next

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=385-400, in steps of 5, 72 cells xxx=315-330, in steps of 5, 60 cells xxx=190-200, in steps of 5, 36 cells

Product data – type FUxxxM Next Pro

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=395-420, in steps of 5, 144 cells xxx=330-350, in steps of 5, 120 cells

Product data – type FUxxxM Silk Plus

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=530-550, in steps of 5, 144 cells xxx=390-415, in steps of 5, 108 cells

Product data – type FUxxxM Silk Premium

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=485-510, in steps of 5, 150 cells xxx=390-410, in steps of 5, 120 cells

Product data – type FUxxxM Silk Pro

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells
Description	:	xxx=415-460, in steps of 5, 144 cells xxx=345-380, in steps of 5, 120 cells xxx=190-210, in steps of 5, 68 cells

Product data – type FUxxxMV

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=310-375, in steps of 5, 72 cells xxx=270-315, in steps of 5, 60 cells

Product data – type FUxxxMV Next

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=385-400, in steps of 5, 72 cells xxx=315-330, in steps of 5, 60 cells xxx=190-200, in steps of 5, 36 cells

Product data – type FUxxxMV Next Pro

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=395-420, in steps of 5, 144 cells xxx=330-350, in steps of 5, 120 cells

Product data – type FUxxxMV Silk Plus

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=530-550, in steps of 5, 144 cells xxx=390-415, in steps of 5, 108 cells

Product data – type FUxxxMV Silk Premium

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=485-510, in steps of 5, 150 cells xxx=390-410, in steps of 5, 120 cells

Product data – type FUxxxMV Silk Pro

Maximum System Voltage	:	1500V
Design	:	PV module with mono c-Si cells
Description	:	xxx=415-460, in steps of 5, 144 cells xxx=345-380, in steps of 5, 120 cells xxx=190-210, in steps of 5, 68 cells

Product data – type FUxxxP

Maximum System Voltage	:	1000V
Design	:	PV module with poly c-Si cells
Description	:	xxx=300-330, in steps of 5, 72 cells xxx=250-285, in steps of 5, 60 cells xxx=240-250, in steps of 5, 54 cells xxx=150-165, in steps of 5, 36 cells

Product data – type FUxxxPV

Maximum System Voltage	:	1500V
Design	:	PV module with poly c-Si cells

Description	:	xxx=300-330, in steps of 5, 72 cells xxx=250-285, in steps of 5, 60 cells xxx=240-250, in steps of 5, 54 cells xxx=150-165, in steps of 5, 36 cells

Product data – type OGS 10 M

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells

Product data – type OGS 5 M

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells

Product data – type OGS 50 M

Maximum System Voltage	:	1000V
Design	:	PV module with mono c-Si cells

TESTS

Test requirements
IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023

Test result
The test results are documented in DEKRA test file 618258800.

Additional information
This certificate replaces certificate No. 31-119720 REV.4 which we hereby declare invalid.

The list of components is laid down in test report 6182588.50A and 6182588.50B.

Conclusion
The examination has confirmed that all requirements were met.

Factory location
Futurasun Energy (Jiangsu) Co., Ltd.
Bldg 4, 368 Yusheng Road, Jiulong Town, Hailing District,
225300 Taizhou City Jiangsu, China

Trade name(s): FuturaSun stands for FuturaSun

Unique Identifier