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 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 61215-1:2016, EN 61215-1:2016, IEC 61215-1-1:2016, EN 61215-1-1:2016, IEC 61215-2:2016, EN 61215-2:2017, IEC 61730-1:2016, EN IEC 61730-1:2018, IEC 61730-2:2016 and EN IEC 61730-2:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6060102

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 1 November 2022 and expires at the latest on 29 March 2024.

Certificate number: 31-119720 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager

© Integral publication of this certificate is allowed

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 and FUxxxPV
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

TESTS

Test requirements
IEC 61215-1:2016
EN 61215-1:2016
IEC 61215-1-1:2016
EN 61215-1-1:2016
IEC 61215-2:2016
EN 61215-2:2017
IEC 61730-1:2016
EN IEC 61730-1:2018
IEC 61730-2:2016
EN IEC 61730-2:2018

Test result
The test results are laid down in DEKRA test file 610384900.

Additional information
This certificate replaces certificate No. 31-119720 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 6103849A.52A; 6103849A.52B.

Conclusion
The examination proved that all requirements were met.

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