

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

BISOL Production, Ltd.
Latkova vas 59a
SI - 3312 PREBOLD

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2025-07-04

Valid until: 2030-07-04

Certification program:

P12-VA-01 Rev. 17 09.20

Certification fundamental(s):

IEC 61215-1:2021 / EN IEC 61215-1:2021;
IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021;
IEC 61215-2:2021 / EN IEC 61215-2:2021;
IEC 61730-1:2023;
IEC 61730-2:2023.

Registered No.:

44 780 25 406749 - 175

Manufacturer and factory(-ies):

See Annex 1

Test Report No.:

492013672.001

File No.:

PVP03011/24P-01



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Certification Body
Consumer Products



Essen, 2025-07-04

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 25 406749 - 175

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Aktenzeichen: / File reference: PVP03011/24P-01

2025-07-04

Manufacturer and factory(-ies):

Manufacturer: **BISOL Production, Ltd.**
Latkova vas 59a
SI - 3312 PREBOLD

Factory: **BISOL Production, Ltd.**
Latkova vas 59a
SI - 3312 PREBOLD

Factory inspection report no.: 862011058.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in purple ink, appearing to read "Peter K.", is positioned above the company name.

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Description of product(s):

Module types:

Single Glass PV Modules with 182mm x 91mm TOPCon Mono-crystalline Silicon Solar Cells:

132 cells: BBO-xxx (xxx=525-535, in steps of 5)

108 cells: BDO-xxx (xxx=430-435, in steps of 5)

108 cells: BSO-xxx (xxx=430-435, in steps of 5)

Single Glass PV Modules with 182.3mm x 105mm TOPCon Mono-crystalline Silicon Solar Cells:

108 cells: BBO-xxx (xxx=490-520, in steps of 5)

96 cells: BDO-xxx (xxx=435-460, in steps of 5)

96 cells: BSO-xxx (xxx=435-460, in steps of 5)

Remark: xxx indicates rated output power generated from front side under STC

Maximum system voltage: 1500V

Maximum overcurrent protection rating: 30A

Electrical protection class: Class II

Pollution degree: 1

98th percentile module operating temperature (T₉₈) 70°C

Design load (positive / negative): 4666Pa / 1600Pa for BBO-xxx (xxx=525-535, in steps of 5) and BBO-xxx (xxx=490-520, in steps of 5)
4000Pa / 1600Pa for BDO-xxx (xxx=430-435, in steps of 5) and BDO-xxx (xxx=435-460, in steps of 5)
7333Pa / 1600Pa for BSO-xxx (xxx=430-435, in steps of 5) and BSO-xxx (xxx=435-460, in steps of 5)
Refer to CDF for details

Safety factors: 1.5

Fire safety class: Class C according to UL790

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) attached to test report with same file no.



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