

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Bruk-Bet PV Sp. z o.o.
UL. Mrozna 8
33-102 Tarnow, Poland

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: 2021-12-08

Valid until: 2025-09-21

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 21 406749 - 264
Manufacturer:	see Annex 1
Test Report No.:	492011881.001
File No.:	PVP09028/21P-01



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Consumer Products



Essen, 2021-12-08

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / *Annex 1 to Certificate No.:* **44 780 21 406749 - 264**

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Aktenzeichen: / *File reference:* **PVP09028/21P-01**

2021-12-08

Manufacturer:

Manufacturer: **Coded by debtor no. 55484709**

Factory inspection report no.: **862010511.001**

Remark:

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



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Module types:	PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells: 144cells: BB ECO-xxx (xxx=425-465, in increment of 5) 120cells: BB ECO-xxx (xxx=355-385, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:	PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells: 144cells: BB ECO-xxx (xxx=520-550, in increment of 5) 132cells: BB ECO-xxx (xxx=475-505, in increment of 5) 120cells: BB ECO-xxx (xxx=435-455, in increment of 5) 108cells: BB ECO-xxx (xxx=390-410, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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