

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Bluesun Solar Co., Ltd

No,1499 Zhenxing Road, Shushan District, 230031, Hefei
China

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: 2022-05-24

Valid until: 2023-10-11

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 22 406749 - 091
Manufacturer:	see Annex 1
Test Report No.:	492012027.001
File No.:	PVP04102/22P-02



Essen, 2022-05-24

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Please also pay attention to the information stated overleaf.

Description of product(s):

Module types:	PV Modules with 6" Mono-crystalline Silicon Solar Cells: 78 cells: BSM6613M(HV)-xxx (xxx = 405-420, in increment of 5) 72 cells: BSM6612M(HV)-xxx (xxx = 320-395, in increment of 5) 66 cells: BSM6611M(HV)-xxx (xxx = 310-355, in increment of 5) 60 cells: BSM6610M(HV)-xxx (xxx = 280-325, in increment of 5) 54 cells: BSM6609M(HV)-xxx (xxx = 250; 255; 260; 265; 270; 275; 280; 284; 285; 290)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or IIIa
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 half-cut 6" Mono-crystalline Silicon Solar Cells: 144 cells: BSM6612M(HV)C-xxx (xxx = 370-425, in increment of 5) 132 cells: BSM6611M(HV)C-xxx (xxx = 355-390, in increment of 5) 120 cells: BSM6610M(HV)C-xxx (xxx = 310-355, in increment of 5) 144 cells: BSM8612M(HV)C-xxx (xxx = 420-470, in increment of 5) 132 cells: BSM8611M(HV)C-xxx (xxx = 385-430, in increment of 5) 120 cells: BSM8610M(HV)C-xxx (xxx = 350-390, in increment of 5) 108 cells: BSM8609M(HV)C-xxx (xxx = 315-350, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or IIIa
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 half-cut 7" Mono-crystalline Silicon Solar Cells: 144 cells: BSMxxxM10-72HPH (xxx = 525-565, in increment of 5) 132 cells: BSMxxxM10-66HPH (xxx = 480-515, in increment of 5) 120 cells: BSMxxxM10-60HPH (xxx = 440-470, in increment of 5) 108 cells: BSMxxxM10-54HPH (xxx = 395-420, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or IIIa
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 half-cut 8" Mono-crystalline Silicon Solar Cells: 132 cells: BSMxxxPMB6-66SC (xxx = 645-670, in increment of 5) 120 cells: BSMxxxPMB6-60SC (xxx = 585-610, in increment of 5) 110 cells: BSMxxxPMB6-55SC (xxx = 535-555, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or IIIa
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 1/3-cut 8" Mono-crystalline Silicon Solar Cells: 150 cells: BSM510M(HV)C-xxx (xxx = 495-520, in increment of 5) 120 cells: BSM508M(HV)C-xxx (xxx = 395-415, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I or IIIa
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.