

Compliance Document

No. D 083334 0074 Rev. 00

Holder of Certificate: **Ningbo Ulica Solar Co., Ltd.**

NO.181-197, Shanshan Road
Wangchun Industrial District
315177 Ningbo
PEOPLE'S REPUBLIC OF CHINA

Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-crystalline Silicon Photovoltaic module

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062400207-00

Date, 2024-07-02



(Zhulin Zhang)

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Model(s):

For single glass module:

Half cell 1000V DC system voltage Single Glass modules:

UL-xxxM-156AN, xxx= 590 to 635 in step of 5
 UL-xxxM-144AN, xxx= 545 to 585 in step of 5
 UL-xxxM-132AN, xxx= 500 to 535 in step of 5
 UL-xxxM-120AN, xxx= 455 to 490 in step of 5
 UL-xxxM-108AN, xxx= 410 to 440 in step of 5
 UL-xxxM-96AN, xxx= 365 to 390 in step of 5
 UL-xxxM-132N, xxx= 670 to 700 in step of 5
 UL-xxxM-120N, xxx= 610 to 635 in step of 5
 UL-xxxM-108N, xxx= 550 to 570 in step of 5
 UL-xxxM-96N, xxx= 490 to 510 in step of 5

Half cell 1500V DC system voltage Single Glass modules:

UL-xxxM-156AHVN, xxx= 590 to 635 in step of 5
 UL-xxxM-144AHVN, xxx= 545 to 585 in step of 5
 UL-xxxM-132AHVN, xxx= 500 to 535 in step of 5
 UL-xxxM-120AHVN, xxx= 455 to 490 in step of 5
 UL-xxxM-108AHVN, xxx= 410 to 440 in step of 5
 UL-xxxM-96AHVN, xxx= 365 to 390 in step of 5
 UL-xxxM-132HVN, xxx= 670 to 700 in step of 5
 UL-xxxM-120HVN, xxx= 610 to 635 in step of 5
 UL-xxxM-108HVN, xxx= 550 to 570 in step of 5
 UL-xxxM-96HVN, xxx= 490 to 510 in step of 5
 xxx is standing for rated output power at STC

For double glass module:

All electrical data is shown as relative to standard test conditions:

front side irradiance 1000 W/m², 25 °C, AM 1.5

UL-xxxM-156ADGN, xxx= 590 to 635 in step of 5
 UL-xxxM-144ADGN, xxx= 545 to 585 in step of 5
 UL-xxxM-132ADGN, xxx= 500 to 535 in step of 5
 UL-xxxM-120ADGN, xxx= 455 to 490 in step of 5
 UL-xxxM-108ADGN, xxx= 410 to 440 in step of 5
 UL-xxxM-96ADGN, xxx= 365 to 390 in step of 5
 UL-xxxM-132DGN, xxx= 670 to 700 in step of 5
 UL-xxxM-120DGN, xxx= 610 to 635 in step of 5
 UL-xxxM-108DGN, xxx= 550 to 570 in step of 5
 UL-xxxM-96DGN, xxx= 490 to 510 in step of 5
 xxx is standing for rated output power at STC

All electrical data is shown as relative to this test conditions:

front side irradiance 1000 W/m²,

backside irradiance 135 W/m², 25 °C, AM 1.5

UL-xxxM-156ABDGN, xxx= 650 to 695 in step of 5
 UL-xxxM-144ABDGN, xxx= 605 to 645 in step of 5
 UL-xxxM-132ABDGN, xxx= 555 to 590 in step of 5
 UL-xxxM-120ABDGN, xxx= 500 to 535 in step of 5
 UL-xxxM-108ABDGN, xxx= 450 to 480 in step of 5
 UL-xxxM-96ABDGN, xxx= 400 to 425 in step of 5
 UL-xxxM-132BDGN, xxx= 740 to 770 in step of 5
 UL-xxxM-120BDGN, xxx= 675 to 700 in step of 5
 UL-xxxM-108BDGN, xxx= 605 to 625 in step of 5
 UL-xxxM-96BDGN, xxx= 540 to 560 in step of 5
 xxx is standing for rated output power at BNP



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Parameters:

Fire Safety Class:	Class C according to UL790.
Safety Class:	Class II
Max. system voltage:	1500V DC or 1000V DC
Construction:	Framed, with Junction box, Cable and Connectors.

Remark: Modules listed above comply with the requirements of being non-sensitive to LETID.

Tested according to:

IEC TS 63342:2022