



Product Service

# CERTIFICATE

No. Z2 083334 0070 Rev. 02

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

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

**Certification Mark:**



**Product:**

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

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704062315810-02

**Valid until:** 2029-08-18

**Date,** 2024-08-19

( Zhulin Zhang )

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## Model(s):

Half cell 1000 V DC system voltage Single Glass modules:

UL-xxxM-144, xxx= 420 to 460 in step of 5  
UL-xxxM-120, xxx= 350 to 380 in step of 5  
UL-xxxM-108, xxx= 315 to 345 in step of 5  
UL-xxxM-96, xxx= 280 to 305 in step of 5  
UL-xxxM-156, xxx= 565 to 600 in step of 5  
UL-xxxM-144, xxx= 525 to 555 in step of 5  
UL-xxxM-132, xxx= 480 to 505 in step of 5  
UL-xxxM-120, xxx= 435 to 460 in step of 5  
UL-xxxM-108, xxx= 390 to 415 in step of 5  
UL-xxxM-96, xxx= 350 to 370 in step of 5  
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-156BN, xxx= 605 to 660 in step of 5  
UL-xxxM-144BN, xxx= 560 to 610 in step of 5  
UL-xxxM-132BN, xxx= 515 to 555 in step of 5  
UL-xxxM-120BN, xxx= 465 to 505 in step of 5  
UL-xxxM-108BN, xxx= 420 to 455 in step of 5  
UL-xxxM-96BN, xxx= 375 to 405 in step of 5  
UL-xxxM-144CN, xxx= 570 to 630 in step of 5  
UL-xxxM-132CN, xxx= 525 to 575 in step of 5  
UL-xxxM-120CN, xxx= 475 to 525 in step of 5  
UL-xxxM-108CN, xxx= 430 to 475 in step of 5  
UL-xxxM-96CN, xxx= 380 to 420 in step of 5  
UL-xxxM-132DN, xxx= 575 to 620 in step of 5  
UL-xxxM-120DN, xxx= 525 to 560 in step of 5  
UL-xxxM-108DN, xxx= 470 to 505 in step of 5  
UL-xxxM-96DN, xxx= 420 to 450 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  
UL-xxxM-132, xxx= 640 to 670 in step of 5  
UL-xxxM-120, xxx= 580 to 605 in step of 5  
UL-xxxM-108, xxx= 525 to 545 in step of 5

Half cell 1500 V DC system voltage Single Glass modules:

UL-xxxM-144HV, xxx= 420 to 460 in step of 5  
UL-xxxM-120HV, xxx= 350 to 380 in step of 5  
UL-xxxM-108HV, xxx= 315 to 345 in step of 5  
UL-xxxM-96HV, xxx= 280 to 305 in step of 5  
UL-xxxM-156HV, xxx= 565 to 600 in step of 5  
UL-xxxM-144HV, xxx= 525 to 555 in step of 5  
UL-xxxM-132HV, xxx= 480 to 505 in step of 5  
UL-xxxM-120HV, xxx= 435 to 460 in step of 5  
UL-xxxM-108HV, xxx= 390 to 415 in step of 5  
UL-xxxM-96HV, xxx= 350 to 370 in step of 5  
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



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UL-xxxM-108AHVN, xxx= 410 to 440 in step of 5  
 UL-xxxM-96AHVN, xxx= 365 to 390 in step of 5  
 UL-xxxM-156BHVN, xxx= 605 to 660 in step of 5  
 UL-xxxM-144BHVN, xxx= 560 to 610 in step of 5  
 UL-xxxM-132BHVN, xxx= 515 to 555 in step of 5  
 UL-xxxM-120BHVN, xxx= 465 to 505 in step of 5  
 UL-xxxM-108BHVN, xxx= 420 to 455 in step of 5  
 UL-xxxM-96BHVN, xxx= 375 to 405 in step of 5  
 UL-xxxM-144CHVN, xxx= 570 to 630 in step of 5  
 UL-xxxM-132CHVN, xxx= 525 to 575 in step of 5  
 UL-xxxM-120CHVN, xxx= 475 to 525 in step of 5  
 UL-xxxM-108CHVN, xxx= 430 to 475 in step of 5  
 UL-xxxM-96CHVN, xxx= 380 to 420 in step of 5  
 UL-xxxM-132DHVN, xxx= 575 to 620 in step of 5  
 UL-xxxM-120DHVN, xxx= 525 to 560 in step of 5  
 UL-xxxM-108DHVN, xxx= 470 to 505 in step of 5  
 UL-xxxM-96DHVN, xxx= 420 to 450 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  
 UL-xxxM-132HV, xxx= 640 to 670 in step of 5  
 UL-xxxM-120HV, xxx= 580 to 605 in step of 5  
 UL-xxxM-108HV, xxx= 525 to 545 in step of 5  
 xxx is standing for rated output power at STC

## Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.
Safety Class:	Class II
Fire Safety Class:	Class C according to UL790
Maximum System Voltage:	1500V DC or 1000V DC

## Tested according to:

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023