



Product Service

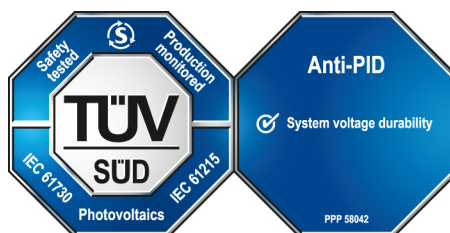
CERTIFICATE

No. Z2 083334 0052 Rev. 07

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061909501-06

Valid until: 2028-09-12

Date, 2023-09-13

(Zhulin Zhang)

CERTIFICATE

No. Z2 083334 0052 Rev. 07

Model(s):

Full cell 1000 V DC system voltage Single Glass modules:

UL-xxxM-72, xxx= 330 to 390 in step of 5
UL-xxxM-60, xxx= 275 to 325 in step of 5
UL-xxxM-54, xxx= 245 to 290 in step of 5

Half cell 1000 V DC system voltage Single Glass modules:

UL-xxxM-144, xxx= 370 to 415 in step of 5
UL-xxxM-120, xxx= 305 to 345 in step of 5
UL-xxxM-108, xxx= 275 to 315 in step of 5
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-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= 395 to 415 in step of 5
UL-xxxM-96, xxx= 350 to 370 in step of 5
UL-xxxM-156N, xxx= 590 to 630 in step of 5
UL-xxxM-144N, xxx= 545 to 580 in step of 5
UL-xxxM-132N, xxx= 500 to 530 in step of 5
UL-xxxM-120N, xxx= 455 to 485 in step of 5
UL-xxxM-108N, xxx= 410 to 435 in step of 5
UL-xxxM-96N, xxx= 365 to 385 in step of 5

Half cell 1500 V DC system voltage Single Glass modules:

UL-xxxM-144HV, xxx= 370 to 415 in step of 5
UL-xxxM-120HV, xxx= 305 to 345 in step of 5
UL-xxxM-108HV, xxx= 275 to 315 in step of 5
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-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= 395 to 415 in step of 5
UL-xxxM-96HV, xxx= 350 to 370 in step of 5
UL-xxxM-156HVN, xxx= 590 to 630 in step of 5
UL-xxxM-144HVN, xxx= 545 to 580 in step of 5
UL-xxxM-132HVN, xxx= 500 to 530 in step of 5
UL-xxxM-120HVN, xxx= 455 to 485 in step of 5
UL-xxxM-108HVN, xxx= 410 to 435 in step of 5
UL-xxxM-96HVN, xxx= 365 to 385 in step of 5
xxx is standing for rated output power at STC

Parameters:

Construction: Framed, with Junction box,
Cable and Connectors.
Safety Class: Class II
Maximum System Voltage: 1000 V DC or 1500 V DC
Fire Safety Class: Class C
PID Test Condition: -1500V DC, 96h, 85% RH, 85°C
PID testing method is according to IEC TS 62804-1:2015

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
PPP 58042B:2015