

CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd., Wugu District, 24891 New
Taipei City Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd., Wugu District, 24891 New
Taipei City Taiwan

Product : True Sine Wave Inverter
Trade name(s) : MEAN WELL
Type(s)/model(s) : NTS-300-112z, NTS-300-124z, NTS-300-212z, NTS-300-224z, NTS-300-248z,
NTS-450-112z, NTS-450-124z, NTS-450-148z, NTS-450-212z, NTS-450-224z,
NTS-450-248z and NTS-300-148z

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:
- a type test according to EN IEC 62368-1:2020 and EN IEC 62368-1:2020/A11:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059480

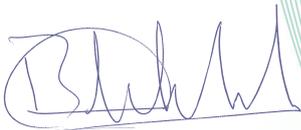
DEKRA hereby grants the right to use the DEKRA Mark.

The DEKRA Mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Mark certification agreement.

This certificate is issued on 31 December 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-126406 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Rosa Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



35-126406

DEKRA Mark is the new KEMA-KEUR

The DEKRA Mark certificate for this product is to all intents and purposes equivalent to a KEMA-KEUR certificate, the other certification mark used by DEKRA and should be valued and used as such. DEKRA Mark is gradually replacing KEMA-KEUR.

For more information please check: [Introducing DEKRA Mark](#)

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: True Sine Wave Inverter
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NTS-300-112z, NTS-300-124z, NTS-300-212z, NTS-300-224z, NTS-300-248z, NTS-450-112z, NTS-450-124z, NTS-450-148z, NTS-450-212z, NTS-450-224z, NTS-450-248z and NTS-300-148z
Rated frequency	: 50/60 Hz(output)
Power factor	: 0,99
Ambient temperature(ta)	: 40 °C

Product data – type NTS-300-112z

Rated input voltage	: 12 Vdc,
Rated input current	: 30A
Rated output voltage	: Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current	: 2,72A

Product data – type NTS-300-124z

Rated input voltage	: 24 Vdc,
Rated input current	: 15A
Rated output voltage	: Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current	: 2,72A

Product data – type NTS-300-148z

Rated input voltage	: 48 Vdc,
Rated input current	: 8A
Rated output voltage	: Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current	: 2,72A

Product data – type NTS-300-212z

Rated input voltage	: 12 Vdc,
Rated input current	: 30A
Rated output voltage	: Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current	: 1,3A

Product data – type NTS-300-224z

Rated input voltage	: 24 Vdc,
Rated input current	: 15A
Rated output voltage	: Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current	: 1,3A

Product data – type NTS-300-248z

Rated input voltage	: 48 Vdc,
Rated input current	: 8A

Rated output voltage : Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current : 1,3A

Product data – type NTS-450-112z

Rated input voltage : 12 Vdc,
Rated input current : 50A
Rated output voltage : Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current : 4,09A

Product data – type NTS-450-124z

Rated input voltage : 24 Vdc,
Rated input current : 25A
Rated output voltage : Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current : 4,09A

Product data – type NTS-450-148z

Rated input voltage : 48 Vdc,
Rated input current : 14A
Rated output voltage : Default 110Vac/60Hz, 100/110/115/120Vac, selectable
Rated output current : 4,09A

Product data – type NTS-450-212z

Rated input voltage : 12 Vdc,
Rated input current : 50A
Rated output voltage : Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current : 1,95A

Product data – type NTS-450-224z

Rated input voltage : 24 Vdc,
Rated input current : 25A
Rated output voltage : Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current : 1,95A

Product data – type NTS-450-248z

Rated input voltage : 48 Vdc,
Rated input current : 14A
Rated output voltage : Default 230Vac/60Hz, 200/220/230/240Vac, selectable
Rated output current : 1,95A

TESTS**Test requirements**

EN IEC 62368-1:2020

EN IEC 62368-1:2020/A11:2020

Test result

The test results are documented in DEKRA test file 4946488.50, 4946488.51.

Additional information

Model/Type reference:

NTS-x-yz

(x=300 or 450, y=112, 124, 148, 212, 224 or 248, z= US, GFCI when y=112, 124 or 148; z=EU, CN, AU or UK when y=212, 224 or 248)

The product also complies with EN 62368-1:2014, EN 62368-1:2014/A11:2017

This certificate replaces certificate No. 35-126406 which we hereby declare invalid.

The list of components is laid down in test report 4946488.50, 4946488.51.

Conclusion

The examination has confirmed that all requirements were met.

Factory locations

MEAN WELL (GUANGZHOU) Electronics Co., Ltd.

No.11 Jingu South Road, Huadu District

510890 Guangzhou Guangdong, China

MEAN WELL Enterprises Co., Ltd.

No.28, Wuquan 3rd Rd., Wugu District, 24891 New Taipei City Taiwan

SuZhou MEAN WELL Technology Co., Ltd.

No.269, Changping Road, Huangdai Town, Xiangcheng District

215152 Suzhou Jiangsu, China

Trade name : MEAN WELL stands for 

The logo for MEAN WELL, consisting of the letters "MW" in white on a red square background, with the words "MEAN WELL" in white on a red rectangular background below it.