

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 thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 62368-1:2014 and EN 62368-1:2014/A11:2017
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059480

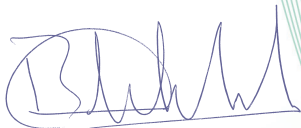
DEKRA hereby grants the right to use the DEKRA Mark.

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 30 March 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-118353

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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35-118353

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 62368-1:2014
EN 62368-1:2014/A11:2017

Test result

The test results are laid down in DEKRA test report 437136600.

Additional information

Type(s)/model(s):

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 62233: 2008.

The list of components is laid down in test report 4371366.51V1.0.

Conclusion

The examination proved that all requirements were met.

Factory locations

MEAN WELL (GUANGZHOU) Electronics Co.,Ltd. Huadu Branch
No.11 Jingu South Road, Huadong Town, 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. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town, Xiang-cheng District
215152 Suzhou Jiangsu, China

Trade name: MEAN WELL stands for

