

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) : NTx-1700-yz

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(s) 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

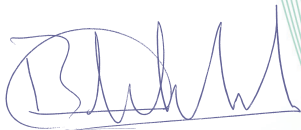
DEKRA hereby grants the right to use the DEKRA Mark.

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 14 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-121891 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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COUNCIL



35-121891

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: True Sine Wave Inverter
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NTS-1700-112z, NTS-1700-124z, NTS-1700-148z, NTS-1700-212z, NTS-1700-224z, NTS-1700-248z, NTU-1700-112z, NTU-1700-124z, NTU-1700-148z, NTU-1700-212z, NTU-1700-224z and NTU-1700-248z
Rated input voltage	: 12Vdc or 24 Vdc or 48 Vdc (for NTS-yz); 12Vdc or 24 Vdc or 48 Vdc or 100-120 Vac (for NTU-yz, when y=112, 124, 148);
Rated frequency	: 50/60 Hz
Class of insulation	: I (for NTU series only); N/A (for NTS series)
Ambient temperature (ta)	: 35 °C

Product data – type NTS-1700-112z, NTS-1700-124z and NTS-1700-148z

Rated output voltage	: 100/110/115/120 Vac selectable
Rated input current	: 150 A(for input 12 Vdc); 75 A (for input 24 Vdc); 37,5 A (for input 48 Vdc)
Rated output current	: 15/13,64/13,04/12,5 A

Product data – type NTS-1700-212z, NTS-1700-224z and NTS-1700-248z

Rated output voltage	: 200/220/230/240 Vdc selectable
Rated input current	: 170 A(for input 12 Vdc); 85 A (for input 24 Vdc); 42,5 A (for input 48 Vdc)
Rated output current	: 8,5/7,73/7,39/6,85 A

Product data – type NTU-1700-112z, NTU-1700-124z and NTU-1700-148z

Rated output voltage	: 100/110/115/120 Vac selectable (when DC input); 100-120 Vac (when AC input)
Rated input current	: 150 A(for input 12 Vdc); 75 A (for input 24 Vdc); 37,5 A (for input 48 Vdc); 15-12,5 A(for input 100-120 Vac)
Rated output current	: 15/13,64/13,04/12,5 A (when DC input); 15-12,5 A (when AC input)

Product data – type NTU-1700-212z, NTU-1700-224z and NTU-1700-248z

Rated output voltage	: 200/220/230/240 Vdc selectable (when DC input); 200-240 Vac (when AC input)
Rated input current	: 170 A(for input 12 Vdc); 85 A (for input 24 Vdc); 42,5 A (for input 48 Vdc); 8,5-7,08 A (for input 200-240 Vac)
Rated output current	: 8,5/7,73/7,39/6,85 A (when DC input); 8,5-6,85 A (when AC input)

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 439607800.

Additional information

Model reference:

NTx-1700-yz (x=S or U ; y=112, 124, 148 when z= US, GFCI; y=212,224,248 when z=EU,CN,AU, UK or GPT)

This certificate replaces certificate No. 35-121891 which we hereby declare invalid.

The list of components is laid down in test report 4396078.50.

Conclusion

The examination proved 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(s) : MEAN WELL stands for

