

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-1200-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

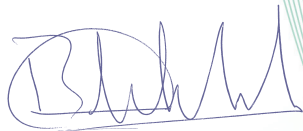
DEKRA hereby grants the right to use the DEKRA Mark.

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 18 April 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-118371

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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35-118371

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: True Sine Wave Inverter
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NTS-1200-112GFCI, NTS-1200-112US, NTS-1200-124GFCI, NTS-1200-124US, NTS-1200-148GFCI, NTS-1200-148US, NTS-1200-212AU, NTS-1200-212CN, NTS-1200-212EU, NTS-1200-212G, NTS-1200-212GPT, NTS-1200-212UK, NTS-1200-224AU, NTS-1200-224CN, NTS-1200-224EU, NTS-1200-224G, NTS-1200-224GPT, NTS-1200-224UK, NTS-1200-248AU, NTS-1200-248CN, NTS-1200-248EU, NTS-1200-248G, NTS-1200-248GPT, NTS-1200-248UK, NTU-1200-112GFCI, NTU-1200-112US, NTU-1200-124GFCI, NTU-1200-124US, NTU-1200-148GFCI, NTU-1200-148US, NTU-1200-212AU, NTU-1200-212CN, NTU-1200-212EU, NTU-1200-212G, NTU-1200-212GPT, NTU-1200-212UK, NTU-1200-224AU, NTU-1200-224CN, NTU-1200-224EU, NTU-1200-224G, NTU-1200-224GPT, NTU-1200-224UK, NTU-1200-248AU, NTU-1200-248CN, NTU-1200-248EU, NTU-1200-248G, NTU-1200-248GPT and NTU-1200-248UK
Rated frequency	: 50/60 Hz(output)
Class of insulation	: N/A (for DC input) or Class I (for AC mains input)
Power factor	: 0,99
Ambient temperature (ta)	: 35 °C

Product data – type NTS-1200-112GFCI and NTS-1200-112US

Rated input voltage	: 12 Vdc
Rated input current	: 120 A
Rated output voltage	: Default 110 Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9 A

Product data – type NTS-1200-124GFCI and NTS-1200-124US

Rated input voltage	: 24 Vdc
Rated input current	: 60A
Rated output voltage	: Default 110Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9 A

Product data – type NTS-1200-148GFCI and NTS-1200-148US

Rated input voltage	: 48 Vdc
Rated input current	: 30A
Rated output voltage	: Default 110Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9A

Product data – type NTS-1200-212AU, NTS-1200-212CN, NTS-1200-212EU, NTS-1200-212G, NTS-1200-212GPT and NTS-1200-212UK

Rated input voltage	: 12 Vdc
Rated input current	: 120 A
Rated output voltage	: Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current	: 5,21 A

Product data – type NTS-1200-224AU, NTS-1200-224CN, NTS-1200-224EU, NTS-1200-224G, NTS-1200-224GPT and NTS-1200-224UK

Rated input voltage	: 24 Vdc
Rated input current	: 60 A
Rated output voltage	: Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current	: 5,21 A

Product data – type NTS-1200-248AU, NTS-1200-248CN, NTS-1200-248EU, NTS-1200-248G, NTS-1200-248GPT and NTS-1200-248UK

Rated input voltage	: 48 Vdc
Rated input current	: 30 A
Rated output voltage	: Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current	: 5,21 A

Product data – type NTU-1200-112GFCI and NTU-1200-112US

Rated input voltage	: 12 Vdc or 100-120 Vac, 50/60 Hz
Rated input current	: 120 A (for DC input) or 12-10A (for AC input)
Rated output voltage	: Default 110 Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9 A (when DC input) or 12-10 A (When AC input)

Product data – type NTU-1200-124GFCI and NTU-1200-124US

Rated input voltage	: 24 Vdc or 100-120 Vac, 50/60 Hz
Rated input current	: 60 A (for DC input) or 12-10A (for AC input)
Rated output voltage	: Default 110 Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9 A (when DC input) or 12-10 A (When AC input)

Product data – type NTU-1200-148GFCI and NTU-1200-148US

Rated input voltage	: 48 Vdc or 100-120 Vac, 50/60 Hz
Rated input current	: 30 A (for DC input) or 12-10A (for AC input)
Rated output voltage	: Default 110 Vac/60Hz, 100/110/115/120Vac, 50/60 Hz selectable
Rated output current	: 10,9 A (when DC input) or 12-10 A (When AC input)

Product data – type NTU-1200-212AU, NTU-1200-212CN, NTU-1200-212EU, NTU-1200-212G, NTU-1200-212GPT and NTU-1200-212UK

Rated input voltage	: 12 Vdc or 200-240 Vac, 50/60 Hz
Rated input current	: 120 A (for DC input) or 12-10A (for AC input)
Rated output voltage	: Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current	: 5,21 A (when DC input) or 6-5 A (When AC input)

Product data – type NTU-1200-224AU, NTU-1200-224CN, NTU-1200-224EU, NTU-1200-224G, NTU-1200-224GPT and NTU-1200-224UK

Rated input voltage	: 24 Vdc or 200-240 Vac, 50/60 Hz
Rated input current	: 60 A (for DC input) or 12-10A (for AC input)

Rated output voltage : Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current : 5,21 A (when DC input) or 6-5 A (When AC input)

Product data – type NTU-1200-248AU, NTU-1200-248CN, NTU-1200-248EU, NTU-1200-248G, NTU-1200-248GPT and NTU-1200-248UK

Rated input voltage : 48 Vdc or 200-240 Vac, 50/60 Hz
Rated input current : 30 A (for DC input) or 12-10A (for AC input)
Rated output voltage : Default 230 Vac/50 Hz, 200/220/230/240 Vac, 50/60 Hz selectable
Rated output current : 5,21 A (when DC input) or 6-5 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 report 437318700.

Additional information

Model/Type reference

NTx-1200-yz (x=S or U, y=112, 124, 148, 212, 224 or 248, z= US, GFCI when y=112, 124 or 148; z=EU, CN, AU, UK, G or GPT when y=212, 224 or 248)

The list of components is laid down in test report 4373187.50.

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.
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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

