

# 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-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

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 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

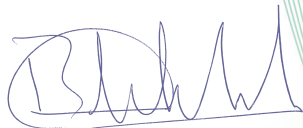
DEKRA hereby grants the right to use the DEKRA Mark.

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 26 January 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-121891

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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DUTCH ACCREDITATION  
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 IEC 62368-1:2020  
EN IEC 62368-1:2020/A11:2020

**Test result**

The test results are laid down in DEKRA test file 438110200.



**Additional information**

The list of components is laid down in test report 4381102.51.

**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. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town, Xiang-cheng District  
215152 Suzhou Jiangsu, China

Trade name(s) : MEAN WELL stands for

