

# 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 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

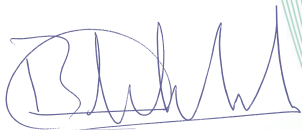
DEKRA hereby grants the right to use the DEKRA Mark.

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: 35-121891 REV.2

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Miranda Zhou  
Certification Manager

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ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



35-121891

**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-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 power	: 1500 W

**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 power	: 1700 W

**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 power	: 1500 W

**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 power	: 1700 W

**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 4946486.50, 4946486.51.

**Additional information**

Model/Type 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)

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

This certificate replaces certificate No. 35-121891 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 4946486.50, 4946486.51.

**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 is a red square containing the white letters "MW" in a bold, sans-serif font. Below the "MW" is a white horizontal bar with the words "MEAN WELL" in red, sans-serif capital letters.