

# 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-2200-yz, NTU-2200-yz, NTS-3200-yz, NTU-3200-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

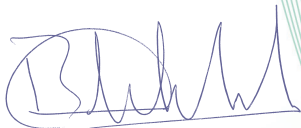
DEKRA hereby grants the right to use the DEKRA Mark.

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.

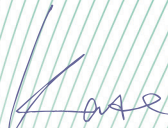
This certificate is issued on 6 June 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-123391

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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DUTCH ACCREDITATION  
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31-123391

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: True Sine Wave Inverter
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NTS-2200-112TB, NTS-2200-112US, NTS-2200-124TB, NTS-2200-124US, NTS-2200-148TB, NTS-2200-148US, NTS-2200-212AU, NTS-2200-212CN, NTS-2200-212EU, NTS-2200-212TB, NTS-2200-212UK, NTS-2200-224AU, NTS-2200-224CN, NTS-2200-224EU, NTS-2200-224TB, NTS-2200-224UK, NTS-2200-248AU, NTS-2200-248CN, NTS-2200-248EU, NTS-2200-248TB, NTS-2200-248UK, NTS-3200-112TB, NTS-3200-112US, NTS-3200-124TB, NTS-3200-124US, NTS-3200-148TB, NTS-3200-148US, NTS-3200-212AU, NTS-3200-212CN, NTS-3200-212EU, NTS-3200-212TB, NTS-3200-212UK, NTS-3200-224AU, NTS-3200-224CN, NTS-3200-224EU, NTS-3200-224TB, NTS-3200-224UK, NTS-3200-248AU, NTS-3200-248CN, NTS-3200-248EU, NTS-3200-248TB, NTS-3200-248UK, NTU-2200-112TB, NTU-2200-112US, NTU-2200-124TB, NTU-2200-124US, NTU-2200-148TB, NTU-2200-148US, NTU-2200-212AU, NTU-2200-212CN, NTU-2200-212EU, NTU-2200-212TB, NTU-2200-212UK, NTU-2200-224AU, NTU-2200-224CN, NTU-2200-224EU, NTU-2200-224TB, NTU-2200-224UK, NTU-2200-248AU, NTU-2200-248CN, NTU-2200-248EU, NTU-2200-248TB, NTU-2200-248UK, NTU-3200-112TB, NTU-3200-112US, NTU-3200-124TB, NTU-3200-124US, NTU-3200-148TB, NTU-3200-148US, NTU-3200-212AU, NTU-3200-212CN, NTU-3200-212EU, NTU-3200-212TB, NTU-3200-212UK, NTU-3200-224AU, NTU-3200-224CN, NTU-3200-224EU, NTU-3200-224TB, NTU-3200-224UK, NTU-3200-248AU, NTU-3200-248CN, NTU-3200-248EU and NTU-3200-248UK
Class of insulation	: Class I for AC mains input, N/A for DC input
Additional information	: Ta: 40°C

**Product data – type NTS-2200-112TB**

Rated DC input voltage	: 12 Vdc, 250 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-2200-112US**

Rated DC input voltage	: 12 Vdc, 250 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.



**Product data – type NTS-2200-124TB**

Rated DC input voltage	: 24 Vdc, 120 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.--

**Product data – type NTS-2200-124US**

Rated DC input voltage	: 24 Vdc, 120 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-2200-148TB**

Rated DC input voltage	: 48 Vdc, 60 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-2200-148US**

Rated DC input voltage	: 48 Vdc, 60 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 20 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max

**Product data – type NTS-2200-212AU and NTS-2200-212CN**

Rated DC input voltage	: 12 Vdc, 250 A
Rated Bypass rating	: --
Rated AC output	: Default 230 Vac, 50 Hz, 9,56 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: 10 A max.
Rated AC output terminal current limit	: 30 A max

**Product data – type NTS-2200-212EU**

Rated DC input voltage	: 12 Vdc, 250 A
Rated Bypass rating	: --

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-2200-212TB**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-2200-212UK**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-2200-224AU and NTS-2200-224CN**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-2200-224EU**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-2200-224TB**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-2200-224UK**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : --  
Rated Bypass rating : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-2200-248AU and NTS-2200-248CN**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-2200-248EU**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-2200-248TB**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-2200-248UK**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-3200-112TB**

Rated DC input voltage	: 12 Vdc, 300 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-112US**

Rated DC input voltage	: 12 Vdc, 300 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-124TB**

Rated DC input voltage	: 24 Vdc, 150 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-124US**

Rated DC input voltage	: 24 Vdc, 150 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-148TB**

Rated DC input voltage	: 48 Vdc, 75 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-148US**

Rated DC input voltage	: 48 Vdc, 75 A
Rated Bypass rating	: --
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-212AU and NTS-3200-212CN**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: --
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: 13 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-212EU**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: --
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: 16 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-212TB**

Rated DC input voltage	: 12 Vdc, 300 A
Rated Bypass rating	: --
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-212UK**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: --
Rated Bypass rating	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: 13 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTS-3200-224AU and NTS-3200-224CN**

Rated DC input voltage	: 24 Vdc, 160 A
Rated Bypass rating	: --

Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-3200-224EU**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-3200-224TB**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-3200-224UK**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : --  
Rated Bypass rating : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-3200-248AU and NTS-3200-248CN**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTS-3200-248EU**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : --  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous



Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-3200-248TB**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : --  
Rated AC outputDefault : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTS-3200-248UK**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : --  
Rated Bypass rating : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-112TB**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-112US**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 15 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-124TB**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-124US**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous  
Rated AC output socket current limit : 15 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-148TB**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous  
Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-148US**

Rated DC input voltage : 48 Vdc, 60 A  
Rated Bypass rating : AC input: 100-120 Vac, 50/60 Hz, 2200 W max.  
AC output: 100-120 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 110 Vac, 60 Hz, 20 A  
100 / 110 / 115 / 120 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous  
Rated AC output socket current limit : 15 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-212AU and NTU-2200-212CN**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.  
Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous  
Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-2200-212EU**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-212TB**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-212UK**

Rated DC input voltage : 12 Vdc, 250 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-224AU and NTU-2200-224CN**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-224EU**

Rated DC input voltage : 24 Vdc, 120 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-224TB**

Rated DC input voltage : 24 Vdc, 120 A

Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --

Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-224UK**

Rated DC input voltage : 24 Vdc, 120 A

Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated Bypass rating : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 13 A max.

Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-248AU and NTU-2200-248CN**

Rated DC input voltage : 48 Vdc, 60 A

Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 10 A max.

Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-248EU**

Rated DC input voltage : 48 Vdc, 60 A

Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : 16 A max.

Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-2200-248TB**

Rated DC input voltage : 48 Vdc, 60 A

Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 2200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 2200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 9,56 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 2200 W continuous

Rated AC output socket current limit : --

Rated AC output terminal current limit : 30 A max.



**Product data – type NTU-2200-248UK**

Rated DC input voltage	: 48 Vdc, 60 A
Rated Bypass rating	: AC input: 200-240 Vac, 50/60 Hz, 2200 W max. AC output: 200-240 Vac, 50/60 Hz, 2200 W max.
Rated AC output	: Default 230 Vac, 50 Hz, 9,56 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 2200 W continuous
Rated AC output socket current limit	: 13 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-112TB**

Rated DC input voltage	: 12 Vdc, 300 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max.
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-112US**

Rated DC input voltage	: 12 Vdc, 300 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max.
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-124TB**

Rated DC input voltage	: 24 Vdc, 150 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max.
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-124US**

Rated DC input voltage	: 24 Vdc, 150 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max.
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-148TB**

Rated DC input voltage	: 48 Vdc, 75 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: --
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-148US**

Rated DC input voltage	: 48 Vdc, 75 A
Rated Bypass rating	: AC input: 100-120 Vac, 50/60 Hz, 3000 W max. AC output: 100-120 Vac, 50/60 Hz, 3000 W max.
Rated AC output	: Default 110 Vac, 60 Hz, 27,27 A 100 / 110 / 115 / 120 Vac, 50/60 Hz selectable Output power: 3000 W continuous
Rated AC output socket current limit	: 15 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-212AU and NTU-3200-212CN**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: AC input: 200-240 Vac, 50/60 Hz, 3200 W max. AC output: 200-240 Vac, 50/60 Hz, 3200 W max.
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: 10 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-212EU**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: AC input: 200-240 Vac, 50/60 Hz, 3200 W max. AC output: 200-240 Vac, 50/60 Hz, 3200 W max.
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: 16 A max.
Rated AC output terminal current limit	: 30 A max.

**Product data – type NTU-3200-212TB**

Rated DC input voltage	: 12 Vdc, 320 A
Rated Bypass rating	: AC input: 200-240 Vac, 50/60 Hz, 3200 W max. AC output: 200-240 Vac, 50/60 Hz, 3200 W max.
Rated AC output	: Default 230 Vac, 50 Hz, 13,91 A 200 / 220 / 230 / 240 Vac, 50/60 Hz selectable Output power: 3200 W continuous
Rated AC output socket current limit	: --

Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-3200-212UK**

Rated DC input voltage : 12 Vdc, 320 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.  
Rated Bypass rating : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous  
Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-3200-224AU and NTU-3200-224CN**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous  
Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-3200-224EU**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous  
Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-3200-224TB**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.  
Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous  
Rated AC output socket current limit : --  
Rated AC output terminal current limit : 30 A max.

**Product data – type NTU-3200-224UK**

Rated DC input voltage : 24 Vdc, 160 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.

Rated Bypass rating : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-3200-248AU and NTU-3200-248CN**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 10 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-3200-248EU**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.

Rated AC output : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 16 A max.  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-3200-248TB**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.

Rated AC outputDefault : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : --  
Rated AC output terminal current : 30 A max.  
limit

**Product data – type NTU-3200-248UK**

Rated DC input voltage : 48 Vdc, 80 A  
Rated Bypass rating : AC input: 200-240 Vac, 50/60 Hz, 3200 W max.  
AC output: 200-240 Vac, 50/60 Hz, 3200 W max.

Rated Bypass rating : Default 230 Vac, 50 Hz, 13,91 A  
200 / 220 / 230 / 240 Vac, 50/60 Hz selectable  
Output power: 3200 W continuous

Rated AC output socket current limit : 13 A max.  
Rated AC output terminal current : 30 A max.  
limit



**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 612964500.

**Additional information**

Remarks of types:

y can be 112, 124, 148, 212, 224 or 248; z can be US, TB, EU, CN, AU or UK

The list of components is laid down in test report 6129645.51.

**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

