

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 : Switching power supply
Trade name(s) : MEAN WELL
Type(s)/model(s) : MSP-1600-12, MSP-1600-24, MSP-1600-36 and NSP-1600-48

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 60335-1:2023 and EN IEC 60335-1:2023/A11:2023
- an inspection of the factory location according to CENELEC Operational Document CIG 421
- a DEKRA certification agreement with the number 6059480

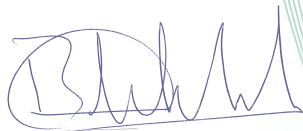
DEKRA hereby grants the right to use the DEKRA Mark.

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.

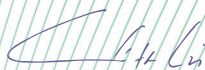
This certificate is issued on 13 July 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-179046

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Cliff Lin
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



35-179046

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	: Switching power supply
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: MSP-1600-12, MSP-1600-24, MSP-1600-36 and NSP-1600-48
Rated input voltage	: 100-240 V
Rated frequency	: 50/60 Hz
Rated input current	: 12-9 A (for input 100-200 Vac) 9-7,5 A (for input 200-240 Vac)
Class of insulation	: Class I
Ambient temperature (ta)	: 50 °C

Product data – type MSP-1600-12

Rated output voltage	: 12 Vdc
Rated output current	: 75 A (for input 100-200 Vac) 125 A (for input 200-240 Vac)

Product data – type MSP-1600-24

Rated output voltage	: 24 Vdc
Rated output current	: 40,2 A (for input 100-200 Vac) 67 A (for input 200-240 Vac)

Product data – type MSP-1600-36

Rated output voltage	: 36 Vdc
Rated output current	: 26,7 A (for input 100-200 Vac) 44,5 A (for input 200-240 Vac)

Product data – type NSP-1600-48

Rated output voltage	: 48 Vdc
Rated output current	: 20,1 A (for input 100-200 Vac) 33,5 A (for input 200-240 Vac)

TESTS**Test requirements**

EN IEC 60335-1:2023

EN IEC 60335-1:2023/A11:2023

Test result

The test results are documented in DEKRA test file 4949399.50.

Additional information

Model/Type reference:

MSP-1600-xzzzz

(x = 12, 24, 36, 48; z may be blank, -, 0~9, A~Z, a~z for market purpose)

The product also complies with EN 62233:2008.

The list of components is laid down in test report 4949399.50.

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

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED

9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA

560058 Bengaluru (BANGALORE) Urban, Karnataka, India

Trade name : MEAN WELL stands for

