

# 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 : Built-in Battery Charger  
Trade name(s) : MEAN WELL  
Type(s)/model(s) : NPB-x-yz (x=120, 240 or 360; y=12,24 or 48; z=AD1, XLR or TB)

The product and any acceptable variation thereto as 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 EN 60335-1:2012, EN 60335-1:2012/A11:2014, EN 60335-1:2012/A13:2017, EN 60335-1:2012/A1:2019, EN 60335-1:2012/A14:2019, EN 60335-1:2012/A2:2019, EN 60335-1:2012/A15:2021, EN 60335-2-29:2021 and EN 60335-2-29:2021/A1:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059480

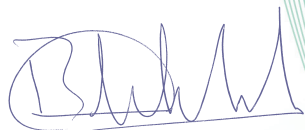
DEKRA hereby grants the right to use the DEKRA Mark.

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 3 April 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-118973 REV.2

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



35-118973

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

Product	: Built-in Battery Charger
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NPB-120-12AD1, NPB-120-12TB, NPB-120-12XLR, NPB-120-24AD1, NPB-120-24TB, NPB-120-24XLR, NPB-120-48AD1, NPB-120-48TB, NPB-120-48XLR, NPB-240-12AD1, NPB-240-12TB, NPB-240-12XLR, NPB-240-24AD1, NPB-240-24TB, NPB-240-24XLR, NPB-240-48AD1, NPB-240-48TB, NPB-240-48XLR, NPB-360-12AD1, NPB-360-12TB, NPB-360-12XLR, NPB-360-24AD1, NPB-360-24TB, NPB-360-24XLR, NPB-360-48AD1, NPB-360-48TB and NPB-360-48XLR
Rated input voltage	: 100-240Vac
Rated frequency	: 50/60 Hz
Class of insulation	: I

**Product data – type NPB-120-12AD1, NPB-120-12TB and NPB-120-12XLR**

Rated output voltage	: 14,4 Vdc
Rated input current	: 1,5 A
Rated output current	: 6,8 A
Ambient temperature (ta)	: 45°C

**Product data – type NPB-120-24AD1, NPB-120-24TB and NPB-120-24XLR**

Rated output voltage	: 28,8 Vdc
Rated input current	: 1,5 A
Rated output current	: 4 A
Ambient temperature (ta)	: 45°C

**Product data – type NPB-120-48AD1, NPB-120-48TB and NPB-120-48XLR**

Rated output voltage	: 57,6 Vdc
Rated input current	: 1,5 A
Rated output current	: 2 A
Ambient temperature (ta)	: 45°C

**Product data – type NPB-240-12AD1, NPB-240-12TB and NPB-240-12XLR**

Rated output voltage	: 14,4 Vdc
Rated input current	: 3 A
Rated output current	: 13,5 A
Ambient temperature (ta)	: 40°C

**Product data – type NPB-240-24AD1, NPB-240-24TB and NPB-240-24XLR**

Rated output voltage	: 28,8 Vdc
Rated input current	: 3 A
Rated output current	: 8 A
Ambient temperature (ta)	: 40°C

**Product data – type NPB-240-48AD1, NPB-240-48TB and NPB-240-48XLR**

Rated output voltage	: 57,6 Vdc
Rated input current	: 3 A
Rated output current	: 4 A



Ambient temperature (ta) : 40°C

**Product data – type NPB-360-12AD1, NPB-360-12TB and NPB-360-12XLR**

Rated output voltage : 14,4 Vdc  
Rated input current : 4,5 A  
Rated output current : 20 A  
Ambient temperature (ta) : 45°C

**Product data – type NPB-360-24AD1, NPB-360-24TB and NPB-360-24XLR**

Rated output voltage : 28,8 Vdc  
Rated input current : 4,5 A  
Rated output current : 12 A  
Ambient temperature (ta) : 45°C

**Product data – type NPB-360-48AD1, NPB-360-48TB and NPB-360-48XLR**

Rated output voltage : 57,6 Vdc  
Rated input current : 4,5 A  
Rated output current : 6 A  
Ambient temperature (ta) : 45°C

## TESTS

### Test requirements

EN 60335-1:2012  
EN 60335-1:2012/A11:2014  
EN 60335-1:2012/A13:2017  
EN 60335-1:2012/A1:2019  
EN 60335-1:2012/A14:2019  
EN 60335-1:2012/A2:2019  
EN 60335-1:2012/A15:2021  
EN 60335-2-29:2021  
EN 60335-2-29:2021/A1:2021

### Test result

The test results are laid down in DEKRA test file 490052000.

### Additional information

The product also complies with EN 62233:2008.

This certificate replaces certificate No. 35-118973 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 4900520.50.

### 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.269, Changping Road, Huangdai Town, Xiangcheng District,  
215152 Suzhou Jiangsu, China

Trade name(s) : MEAN WELL stands for

