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)	:	UMP-400-yxxx

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 5 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-126385

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

35-126385

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
T +31 88 96 83000 F +31 88 96 83100 Company registration 09085396

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Switching Power supply
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	UMP-400-24xxx and UMP-400-48xxx
Rated input voltage	:	100-120 or 200-240 Vac
Rated frequency	:	50/60 Hz
Class of insulation	:	II
Rated input current	:	4,7 A when input 100-120 Vac, 2,5 A for 200-240 Vac
Ambient temperature (ta)	:	40 °C when input 100-120 Vac, 50 °C for 200-240 Vac

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 439606900.

Additional information

Model reference:
UMP-400-yxxx (y=24 or 48, x=A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U or blank; . when y=24, x=A, B, C, E, F, G, I, J, K, M, N, O, P, Q, R, S, T, U or blank; when y=48, x=A, B, C, D, E, F, G, H, I, J, K, L or blank)

The list of components is laid down in test report 4396069.50.

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

Rated output:

1. When all “x”=blank (that means only output port V1 has output , the V2~V4 has no output)

Model	Output voltage (Vdc)	Max. Output Current (A)	Max. output Power (W)	Remark
UMP-400-24	24	15	360	When rated input is 100-120V
UMP-400-24	24	16,7	400	When rated input is 200-240V
UMP-400-48	48	7,5	360	When rated input is 100-120V
UMP-400-48	48	8,3	400	When rated input is 200-240V

2. When “x” is not blank , the output of V1 port is as below:

Model	Output voltage (Vdc)	Max. Output Current (A)	Max. output Power (W)	Remark
UMP-400-24	24	14,5	350	When rated input is 100-120V
UMP-400-24	24	16,2	390	When rated input is 200-240V
UMP-400-48	48	7,2	350	When rated input is 100-120V
UMP-400-48	48	8,1	390	When rated input is 200-240V

3. When x=A, B, C, E, F, G, I, J, K, M, N, O, P, Q, R, S, T, U (if y=24) and x=A, B, C, D, E, F, G, H, I, J, K, L(if y=48), the related NID series module was built in secondary circuit of the appliance, The V2~V4 output depends on the NID module output as below:

Variable x	DC Output voltage (V)	Max. Output current(A)	built-in NID series module
A	+5	3,5	NID35-05
B	+12	2,9	NID35-12
C	+15	2,4	NID35-15
D	+24	1,5	NID35-24
E	+5	6,5	NID65-05
F	+12	4,9	NID65-12
G	+15	4,3	NID65-15
H	+24	2,7	NID65-24
I	+5	8	NID100-05
J	+12	6	NID100-12
K	+15	5,2	NID100-15

L	+24	3,4	NID100-24
M	-5	-3,5	NID35-05
N	-12	-2,9	NID35-12
O	-15	-2,4	NID35-15
P	-5	-6,5	NID65-05
Q	-12	-4,9	NID65-12
R	-15	-4,3	NID65-15
S	-5	-8	NID100-05
T	-12	-6	NID100-12
U	-15	-5,2	NID100-15