

접 수 번 호 : 26-052940-01-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZZ10037-26004
(Application No.)

신 고 회 사 명 : MEAN WELL ENTERPRISES CO., LTD.
(Applicant)

주 소 : No. 28 Wuquan 3rd Road, Wugu District, New Taipei City 248,
(Address) Taiwan (R.O.C.)

제 품 명 : 컴퓨터용 전원공급장치
(Product) (Power supply for computer)

기 본 모 델 명 : NSP-2400-60
(Basic Model)

파 생 모 델 명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : Input:100-200 Vac, 16.5-13 A, 50/60 Hz 200-240 Vac,
(Rating) 13-11 A, 50/60 Hz Output:60Vdc, 21A (for input 100-200V)
60Vdc, 40A (for input 200-240V)

안 전 기 준 : KC62368-1(2025-10)
(Standard)

본 확인신고는 제 조 국 명 : 대만

제조업자 명 : MEAN WELL ENTERPRISES CO., LTD.

제조공장의 주소 : No. 28 Wuquan 3rd Road, Wugu District, New Taipei City 248, Taiwan (R.O.C.)

다수 공장의 명 : “이면기재” 의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제28조제1항, 같은 조 제3항, 제29조제2항 또는 제34조제2항에 따라 안전확인신고 증명서를 발급합니다.

We issue this Confirmation Letter of Declaration of the Safety Confirmation for the above appliance in accordance with the Article 28(1), 28(3), 29(2) or 34(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2026 년 09 월 10 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



※ 이 신고증명서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류

1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components)(전기용품에 한정한다)
2. 기본모델·파생모델의 내용(Description of the basic and series model)
3. 안전확인신고 내용의 변경 현황(Revisions Status)

안전인증 및 안전확인을 받은 자의 유의사항

Notification for recipient(license holder) of Safety Certification and Confirmation Letter of Declaration

1. 본 인증서 또는 신고증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다. (This certificate or confirmation letter of declaration is valid only when the product meets the applied safety standard(s) and is manufactured from the manufacturing factory that appears on this certificate.)
2. 안전인증 또는 안전확인 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다. (Termination or cancellation of the certification may occur if the actual meaning of this safety certification mark (KC-mark) or Confirmation Letter of Declaration mark(KC-mark) is misled to the public by false advertisement on an overstated catalog of the product.)
3. 다음과 같은 사유가 발생할 경우에는 사유가 발생한 날로부터 15일 이내에 안전인증기관에 안전인증 또는 안전확인 변경 신청을 하여 안전인증서 또는 안전확인신고 증명서를 재교부 받아야 합니다. (In case of the following events, this safety certificate or Confirmation Letter of Declaration shall be reapplied within 15 days from the events and reissued for revision.)
 - 1) 제조업자, 수입업자, 주소 등 인증서 기재내용의 변경 (Revision in contents of the certificate such as factory name, importer, factory address, etc)
 - 2) 파생모델의 추가, 변경 또는 삭제 (Adds, changes, or removals of derivative(minor series) model)
 - 3) 안전관리부품의 변경 또는 추가 (Adds or changes in critical components list)
 - 4) 인증서 또는 신고증명서의 분실 또는 훼손 (Losses or damages to this certificate or confirmation letter of declaration)
4. 안전인증 또는 안전확인을 받은 자는 다음 사항을 이행하여야 합니다. (The recipient(license holder) of safety certificate(KC-mark) or confirmation letter of declaration shall comply with the followings.)
 - 1) 안전인증표시 등 인증요건의 유지 관리 (Maintaining and managing the marking of safety certification and other certification requirements)
 - ※ 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전 표시를 하면 법에 의거 처벌을 받게 됨 (It will be punished by the Act if the certification mark is used before the issue(or after suspension or cancellation) of the certification)
 - 2) 자체검사의 실시 및 그 기록관리 (Self Product Verification and record keeping)
 - ※ 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의 (Recipients(license holder) of the safety certification (KC-mark) shall conduct products inspection strictly for products to comply with the safety standard.)
5. 안전인증을 받은 자는 전기용품 및 생활용품 안전관리법 제7조 1항 및 동법 시행령 제9조에 의거 2년에 1회 정기검사를 받아야 합니다. (Recipients(license holder) of the safety certification (KC-mark) shall receive routine(regular) factory inspection once every two years according to the Electrical Appliances and Consumer products Safety Control Act article 7(1) and article 9 of Enforcement decree of the same Act.)

(연락처: 인증융합센터, Tel 055-791-3400, 3401)
(Contact point: Certification Evaluation Center Tel: +82 55 791 3400, 3401)

다수 공장의 현황
(The status of Multiple Factories)

No	현황	
1	다수 공장의 명 (Name)	Yongden Technology Corporation
	주소 (Address)	345 MacArthur HighWay, Tabang, Guiguinto, Bulacan 3015, Philippines
	제조국명 (Origin)	필리핀
2	다수 공장의 명 (Name)	MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED
	주소 (Address)	9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru (Bangalore) Urban, Karnataka, 560058, India
	제조국명 (Origin)	인도
3	다수 공장의 명 (Name)	MEAN WELL (Guangzhou) Electronics Co.,Ltd.
	주소 (Address)	No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
	제조국명 (Origin)	중국
4	다수 공장의 명 (Name)	SuZhou MEAN WELL Technology Co., Ltd
	주소 (Address)	No.269, ChangPing Road, Huangdai Town, Xiangcheng District, Suzhou, China
	제조국명 (Origin)	중국
5	다수 공장의 명 (Name)	MEAN WELL PHILIPPINES ELECTRONICS CO. LTD. CORP.
	주소 (Address)	Lot 3-4 Block 4, Golden Gate Business Park, 4107 General Trias City Cavite, Philippines
	제조국명 (Origin)	필리핀

□ 첨부 1 : 전기용품의 안전관리부품 및 재질목록
List of Critical Components

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Metal chassis	Interchangeable	Interchangeable	SGCC or aluminium Min. 0.6 mm thick	Tested in appliance
Plastic cover	Nan Ya Plastics Corp Plastics 3rd Div	1403G(a)	V-0, 130 °C.	UL
(Alternate)	Sabic Japan L LC	940(f1)	V-0, 120 °C.	UL
(Alternate)	Sabic Japan L LC	945(GG)	V-0, 120 °C.	UL
(Alternate)	LG Chem Ltd	LUPOY GP1006F(f1)	V-0, 110 °C.	UL
(Alternate)	LG Chem Ltd	LUPOY EF1006F(m)(f1)	V-0, 120 °C.	UL
DC Fan (Two provide)	Sanyo Denki Co Ltd	9GA0412P3K01	12 Vdc, 0.92 A, Max. 25.06 CFM	TUV
(Alternate)	NMB Technologies Corporation	04028DA-12S-AUF	12 Vdc, 0.78 A, Max. 21.88 CFM	VDE
(Alternate)	MEAN WELL Enterprises Co Ltd	CHT4012BM-W28C	12 Vdc, 0.8 A, Max. 21.83 CFM	TUV
(Alternate)	Guangdong Shenghui Technology Co., LTD	CHT4012BM-W28C	12 Vdc, 0.8 A, Max. 21.83 CFM	TUV
(Alternate)	Zhaoqing Chenhui Electronics Co Ltd	CHT4012BM-W28C	12 Vdc, 0.8 A, Max. 21.83 CFM	TUV
Printed Circuit Boards	HSU TZU ELECTRONIC CO LTD	MV2	V-1 or better, min. 130 °C	UL
(Alternate)	Interchangeable	Interchangeable	V-1 or better, min. 130 °C	UL
Input terminal block (TB1)	Switchlab Inc	T35 series,	20 A, 300 V, 120 °C	UL
(Alternate)	Ningbo Degson Electrical Co.,Ltd.	DG55 series	20 A, 300 V, 105 °C	UL
(Alternate)	Switchlab Inc	T25 series,	25 A, 300 V, 120 °C	UL
(Alternate)	Ningbo Degson Electrical Co.,Ltd.	DG58 series	20 A, 300 V, 120 °C	UL
(Alternate)	Dinkle Enterprise Co Ltd	DT-55 series	25 A, 300 V, 105 °C	UL
(Alternate)	Dinkle Enterprise Co Ltd	DT-5C series	20 A, 300 V, 110 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Fuse (FS1, FS2)	Conquer Electronics Co., Ltd	UXF-A	F25 A, min. 420 Vac	TUV
(Alternate)	Suzhou Walter Electronic Co Ltd	FHP	F25 A, 420 Vac	TUV
Varistors (ZNR1, ZNR2, ZNR6) (Optional)	Thinking Electronic Industrial Co., Ltd.	TVR14561	350 Vac, 450 Vdc, 105 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V	350 Vac, 460 Vdc, 105 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	350 Vac, 450 Vdc, 105 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., LTD.	V-561K-14DEH	350 Vac, 455 Vdc, 125 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Joyin Co., Ltd.	JVT14N561K, JVT14S561K,	350 Vac, 460 Vdc, 125 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Centra Science Corp	CNR-14D561K	350 Vac, 460 Vdc, 105 °C (Flame class of body coating complied with V-0)	VDE
X-Capacitors (C1, C2) (Optional)	Kemet Electronics Italia Srl (Arcotronics SPA)	R.46	Each max. 1.5 uF, X1 or X2, min. 300 Vac, 110 °C or 125 °C	ENEC
(Alternate)	Liow Gu Electronics Industry Co Ltd	GS-L	Each max. 1.5 uF, X1 or X2, min. 300 Vac, 110 °C	ENEC
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKP	Each max. 1.5 uF, X1 or X2, min. 300 Vac, 110 °C	ENEC
(Alternate)	CARLI ELECTRONICS CO LTD	MPX	Each max. 1.5 uF, X1 or X2, min. 300 Vac, 100 °C or 110 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	TDK (Zhuhai FTZ) Co., Ltd	B3292# series	Each max. 1.5 uF, X1 or X2, min. 300 Vac, 110 °C	VDE
Y-capacitor (C3, C4, C21, C22, C30) (Optional)	TDK Corporation	CD	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Walsin Technology Corp.	AH	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Walsin Technology Corp.	AS	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd	HJ	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AR	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Murata Mfg Co Ltd	RA	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE
(Alternate)	Murata Mfg Co Ltd	KX	C3, C4: max. 470 pF, C21, C22: max. 2200 pF, C30: max. 220 pF, Y1, min. 300 Vac, 125 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Bridge capacitor (C31, C32, C178, C188) (Optional)	TDK Corporation	CD	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Walsin Technolog y Corp.	AH	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Walsin Technolog y Corp.	AS	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Xiamen Wanming Electronics Co., L td	HJ	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Guangdong Huiwa n Electronics Tec hnology Co., LT D.	AR	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Murata Mfg Co Lt d	RA	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
(Alternate)	Murata Mfg Co Lt d	KX	C31, C32: max. 10 00 pF, C178, C18 8: 220 pF, Y1, mi n. 300 Vac, 125 ° C	VDE
Line Choke (LF1, LF2) (Optional)	MEAN WELL	TR-1197A	Min. 150 °C	Tested in appliance
Line Choke (LF3) (Optional)	MEAN WELL	TR-1295	Min. 150 °C	Tested in appliance
Bleeder resistors (R1, R2, R3, R4, R5, R6, R7, R8)	Interchangeable	Interchangeable	SMD Type, each max. 150 k Ω, min. 1/4 W	Tested in appliance
Choke (T3, T4) (Optional)	MEAN WELL Enter prises Co Ltd	TR-624	Min. 130 °C	Tested in appliance
Choke (L40) (Opti onal)	MEAN WELL Enter prises Co Ltd	TF-3111	Min. 130 °C	Tested in appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Choke (L1, L2) (Optional)	MEAN WELL Enterprises Co Ltd	TF-3098	Min. 130 °C	Tested in appliance
Relays (RY1)	TE Connectivity Austria GmbH	RTS3TF12	480 Vac, 16 A, coil: 12 Vdc, 105 °C	VDE
(Alternate)	Xiamen Hongfa Electroacoustic Co Ltd	HF115FK-T/12-H3T	277 Vac, 16 A, coil: 12 Vdc, 105 °C	VDE
Choke (T240)	MEAN WELL Enterprises Co Ltd	TS-043	Min. 130 °C	Tested in appliance
Transformer (T1)	MEAN WELL Enterprises Co Ltd	TF-3093 (for Model NSP-2400-12, NSP-2400-15) TF-3094 (for Model NSP-2400-24, NSP-2400-27) TF-3095 (for Model NSP-2400-36) TF-3096 (for Model NSP-2400-48) TF-3097 (for Model NSP-2400-60)	Class F	Tested in appliance
Transformer (T170)	MEAN WELL Enterprises Co Ltd	TF-3104	Class F	Tested in appliance
Photo Coupler (U170, U300)	Lite-On Technology Corporation	LTV-1008	Dti. $\geq$ 0,4 mm, Ext. dcr $\geq$ 8,0 mm, thermal cycling test, 115 °C, Isolation voltage 5000 Vac	VDE
(Alternate)	CT Micro International Corporation	CT1018C(V) (T)-W	Dti. $\geq$ 0,4 mm, Ext. dcr $\geq$ 8,2 mm, thermal cycling test, 125 °C, Isolation voltage 5000 Vac	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
☐ 유의사항 (Attention) : 1. 안전관리부품은 전기적인 안전에 직접적인 영향을 주는 부품으로서 안전인증기관이 정기공장검사 시 확인 관리 하는 사항입니다. 따라서 상기목록에 기재된 사항을 변경하거나 또는 복수등재를 원하시는 경우는 안전인증기관에 인증변경신청을 하여야 합니다. <i>As the "Critical components" are parts in directly related with safety, these components shall be checked during a factory inspection by the certification body. In case of applying multiple listing or changing the items above, the certification revision shall be applied.</i> 2. 인증변경신청 없이 임의로 변경하는 경우는, 전기용품 및 생활용품 안전관리법 시행규칙 제 21 조제 1 항 또는 제 38 조제 1 항 규정에 의한 안전인증 취소 혹은 안전확인신고 효력상실 사유가 됨을 유의하시기 바랍니다. <i>The Safety Certification will be cancelled under the Article 21(1), 38(1) of the Enforcement Rule of the Electrical appliances and Consumer Products Safety Control Act if the contents of the Certification is altered without our authorization.</i>				

FP511-04-02

□ 첨부 2 : 기본모델 · 파생모델의 내용
Description of the basic and series model

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
NSP-2400-12	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1, PCB A3, ambient temperature. (Input: 100-200 Vac, 15.8-12.4 A, 50/60 Hz; 200-240 Vac, 12.4-10.3 A, 50/60 Hz; Output: 12 Vdc, 96.3 A (for input 100-200 V), 12 Vdc, 183.3 A (for input 200-240 V))
NSP-2400-15	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1, PCB A3, ambient temperature. (Input: 100-200 Vac, 15.6-12.2 A, 50/60 Hz; 200-240 Vac, 12.2-10.2 A, 50/60 Hz; Output: 15 Vdc, 77 A (for input 100-200 V), 15 Vdc, 146.7 A (for input 200-240 V))
NSP-2400-24	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1, PCB A3. (Input: 100-200 Vac, 16.8-13.2 A, 50/60 Hz; 200-240 Vac, 13.2-11 A, 50/60 Hz; Output: 24 Vdc, 52.5 A (for input 100-200 V), 24 Vdc, 100 A (for input 200-240 V))
NSP-2400-27	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1, PCB A3. (Input: 100-200 Vac, 16.8-13.2 A, 50/60 Hz; 200-240 Vac, 13.2-11 A, 50/60 Hz; Output: 27 Vdc, 46.7 A (for input 100-200 V), 27 Vdc, 88.8 A (for input 200-240 V))
NSP-2400-36	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1, PCB A3. (Input: 100-200 Vac, 16.7-13.2 A, 50/60 Hz; 200-240 Vac, 13.2-11 A, 50/60 Hz; Output: 36 Vdc, 35 A (for input 100-200 V), 36 Vdc, 66.6 A (for input 200-240 V))
NSP-2400-48	It is identical to basic model except for model designation, input/output rating, Transformer (T1), PCB A1. (Input: 100-200 Vac, 16.6-13.1 A, 50/60 Hz; 200-240 Vac, 13.1-10.9 A, 50/60 Hz; Output: 48 Vdc, 26.3 A (for input 100-200 V), 48 Vdc, 50 A (for input 200-240 V))

제품특기사항 및 시험조건
Remarks & Test conditions

1. MoU NCB Review Report based on : 26-052940-01-2
 - CB Certificate Ref. No.: NL-127970 (DEKRA Certification B.V.)
 - CB Test Report No.: 4949396.50
(DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch)

2. Product Description:
 - Insulation Class: Class I
 - Protection against Ingress of water: IPX0
 - Mass of Equipment: Approx. 2.06 kg

- * Factory(ies)
 - (1). SuZhou MEAN WELL Technology Co., Ltd.
 - No.269, ChangPing Road, Huangdai Town, Xiangcheng District, Suzhou, China
 - (2). MEAN WELL (GUANGZHOU) Electronics Co., Ltd.
 - No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China
 - (3). Yongden Technology Corporation
 - 345 MacArthur Highway, Tabang, Guiguinto, Bulacan 3015, Philippines
 - (4). MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED
 - 9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru
(Bangalore) Urban, Karnataka, 560058, India
 - (5). MEAN WELL PHILIPPINES ELECTRONICS CO. LTD.CORP.
 - Lot 3-4 Block 4, Golden Gate Business Park, 4107
General Trias City Cavite, Philippines

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검토담당자 / 연락처 : 인증사업본부 인증융합센터 장 재용 / 055-791-3305

□ If you have any question on product review, please contact the person below :
Job holder: Certification Business Division, Certification Convergence Center, J.Y.Jang / +82 55 791 3305

FP511-05-01

☐ 첨부 3 : 안전확인신고 내용의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06-01

☐ 첨부 : 제품사진
Photographs



