

접수번호 : 23-079592-01-1  
(Receipt No.)



# 안전확인신고 증명서

## Confirmation Letter of Declaration

신고번호 (Application No.) : ZU101076-23003  
신고회사명 (Applicant) : MEAN WELL (Guangzhou) Electronics Co.,Ltd.  
주소 (Address) : No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China  
제품명 (Product) : 컴퓨터용 전원공급장치(Switching Power Supply)  
기본모델명 (Basic Model) : UHP-200-24  
파생모델명 (Series Model) : Not Applicable  
정격/안전기준상의 모델구분 (Rating) : Input: AC 100-240 V, 2.6 A, 50/60 Hz; Output: DC 24 V, 8.4 A, 201.6 W;  
안전기준 (Standard) : KC62368-1(2021-08)

본 확인신고는 제조국명 : 중국  
제조업자명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.  
제조공장의 주소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China  
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.

2023년 12월 12일  
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)

□ 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
Terminal Block (TB1)	Dinkle Enterprise Co. Ltd.	DT-4	20 A, 300 V, 130 °C	UL Test with appliance
(Alternate)	Dinkle Enterprise Co Ltd	DT-45	25 A, 300 V, 105 °C	UL Test with appliance
(Alternate)	Dinkle Enterprise Co. Ltd.	DT-49-A01W-xx, DT-49-B01W-xx	24 A, 1000 V, min. 105 °C	VDE
(Alternate)	Dinkle Enterprise Co. Ltd.	EK950 V-xxP	32 A, 1000 V, 105 °C	VDE
(Alternate)	Switchlab Inc	T14	20 A, 300 V, 140 °C	UL Test with appliance
(Alternate)	Switchlab Inc	T24	25 A, 300 V, 140 °C	UL Test with appliance
(Alternate)	Switchlab Inc	T34	25 A, 300 V, 120 °C	UL Test with appliance
(Alternate)	Switchlab Inc	T35	20 A, 300 V, 120 °C	UL Test with appliance
(Alternate)	Switchlab Inc	T44	15 A, 300 V, 120 °C	UL Test with appliance
(Alternate)	Switchlab Inc	T21	10 A, 300 V, 140 °C	UL Test with appliance
(Alternate)	Cixi Pans Automatic Control Equipment Factory	PT-49	25 A, 300 V, 105 °C	UL Test with appliance
(Alternate)	Ningbo Degson Electrical Co Ltd	DG28C-B*y	15 A, 300 V, 120 °C	UL Test with appliance
Fuse (FS1)	Conquer Electronics Co., Ltd.	MST	T4 AL, 250 or 300 Vac	TÜV, VDE
(Alternate)	Suzhou Walter Electronic Co. Ltd.	2010 Serie(s)	T4 AL, 250 or 300 Vac	VDE
Varistor (ZR1) (optional)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M, TVR14471-M	300 Vac, 385 Vdc, 125 °C, (Flame class of body coating complied with V-0)	TÜV, VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M, TVR14511-M	320 Vac, 410 Vdc, 125 °C, (Flame class of body coating complied with V-0)	TÜV, VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10561-M, TVR14561-M	350 Vac, 450 Vdc, 125 °C, (Flame class of body coating complied with V-0)	TÜV, VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D, TVR10471-V, TVR14471-D, TVR14471-V	300 Vac, 385 Vdc, 105 °C, (Flame class of body coating complied with V-0)	TÜV, VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10511-D, TVR10511-V, TVR14511-D, TVR14511-V	320 Vac, 410 Vdc, 105 °C, (Flame class of body coating complied with V-0)	TÜV, VDE
(Alternate)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D, TVR10561-V, TVR14561-D, TVR14561-V	350 Vac, 450 Vdc, 105 °C, (Flame class of body coating complied with V-0)	TÜV, VDE
(Alternate)	Centra Science Corp.	CNR-10D471K, CNR-14D471K	300 Vac, 385 Vdc, 105 °C, (Flame class of body coating complied with V-0)	VDE
(Alternate)	Centra Science Corp.	CNR-10D511K, CNR-14D511K	320 Vac, 410 Vdc, 105 °C, (Flame class of body coating complied with V-0)	VDE
(Alternate)	Centra Science Corp.	CNR-10D561K, CNR-14D561K	350 Vac, 460 Vdc, 105 °C, (Flame class of body coating complied with V-0)	VDE
(Alternate)	Huiwan	V-471K-10D(E)H, V-471K-14D(E)H	300 Vac, 380 Vdc, Min. 125 °C (Flame class of body coating complied with V-0)	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Huiwan	V-511K-10D(E)H, V-511K-14D(E)H	320 Vac, 410 Vdc, Min. 125 °C (Flame class of body coating complied with V-0)	VDE
(Alternate)	Huiwan	V-561K-10D(E)H, V-561K-14D(E)H	350 Vac, 450 Vdc, Min. 125 °C (Flame class of body coating complied with V-0)	VDE
Y-Capacitor (C3, C4, C23, C30) (Y1 type) (Optional)	Murata Mfg. Co., Ltd.	KX	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Walsin Technology Corp.	AH, AS	Max. 4700 pF, min. 250 Vac, 125 °C	VDE, ENEC
(Alternate)	Walsin Technology Corp.	AC	Max. 4700 pF, min. 250 Vac, 125 °C, withstand voltage 2600 Vac	VDE, ENEC
(Alternate)	TDK Corporation	CD	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Welson Industrial Co., Ltd.	WD	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	VISHAY Electronic GmbH	VY1 Series	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AR	Max. 4700 pF, min. 250 Vac, 125 °C	VDE
X-Capacitor (C1) (X1 or X2 type) (Optional)	Kemet Electronics Corporation (Arcotronics)	R.46, R.49	Max. 0.68 uF, min. 250 V, min. 100 °C	ENEC
(Alternate)	Liow Gu Electronics Industry Co. Ltd.	GS-L	Max. 0.68 uF, min. 250 V, min. 100 °C	VDE
(Alternate)	EPCOS (Zhuhai FTZ) Co., Ltd.	B3292#, Series B3292#	Max. 0.68 uF, min. 250 V, min. 100 °C	VDE, ENEC



부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	Epcos Electronics Components	B3292#C/D/T/S/H/J3 series	Max. 0.68 uF, min. 250 V, min. 100 °C	ENEC
(Alternate)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.68 uF, min. 250 V, min. 100 °C	VDE
(Alternate)	Hua Jung Components Co., Ltd.	MKP	Max. 0.68 uF, min. 250 V, min. 100 °C	ENEC
(Alternate)	Carli Electronics Co., Ltd.	MPX	Max. 0.68 uF, min. 250 V, min. 100 °C	VDE, ENEC
(Alternate)	Cheng Tung Industrial Co Ltd	CTX	Max. 0.68 uF, min. 250 V, min. 100 °C	ENEC
(Alternate)	Chiefcon Electronics Co., Ltd.	CKX	Max. 0.68 uF, min. 250 V, min. 100 °C	ENEC
(Alternate)	Yangzhou Nissei Electronics Co., Ltd.	MP1	Max. 0.68 uF, min. 250 V, min. 100 °C	VDE
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-953B	Min. 130 °C	Test with appliance
Line Choke (LF2) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-948D2	Min. 130 °C	Test with appliance
Line Choke (L2) (Optional)	MEAN WELL Enterprises Co., Ltd.	TR-5069A	Min. 130 °C	Test with appliance
Line Choke (L1) (Optional)	MEAN WELL Enterprises Co., Ltd.	TF-6850	Min. 130 °C	Test with appliance
Bridging Capacitors (C31, C32) (Y1 or Y2 type) (Optional)	Murata Mfg. Co., Ltd.	KX, KY, KH	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Walsin Technology Corp.	AH, AS, AC	Max. 3300 pF, min. 250 Vac, 125 °C	VDE, ENEC
(Alternate)	TDK Corporation	CD, CS	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Welson Industrial Co., Ltd.	WD	Max. 3300 pF, min. 250 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
(Alternate)	VISHAY Electronic GmbH	VY1	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HJ	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AB Series	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Guangdong Huiwan Electronics Technology Co., Ltd.	AR	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
(Alternate)	Xiamen Wanming Electronics Co., Ltd.	HM	Max. 3300 pF, min. 250 Vac, 125 °C	VDE
Optocouplers (U3, U4)	COSMO Electronics Corporation	K1010	Reinforced insulation	VDE, D
(Alternate)	Sharp Corporation Electronic Components and Devices Division	PC123	Reinforced insulation	VDE, FI
(Alternate)	Lite-On Technology Corporation	LTV-817, LTV817	Reinforced insulation	VDE, D
(Alternate)	Toshiba Electronic Devices & Storage Corporation	TLP781F, TLP785F	Reinforced insulation	VDE, D
(Alternate)	Lite-On Technology Corp	LTV-1006, LTV-1008	Reinforced insulation	VDE, FI
(Alternate)	Everlight Electronics Co., Ltd.	EL817, EL817M	Reinforced insulation	VDE, D
Transformer (T1)	MEAN WELL Enterprise Co., Ltd.	TF-6847	Class B	Accepted by TÜV Rheinland
Plastic cup material for input and output terminal	Kingfa Sci & Tech Co Ltd	PBT-RG151(r1)	Min. V-0, 125 °C, min. 0.4 mm thick.	UL
(Alternate)	Toray Industries Inc	3004-V0(rr),	Min. V-0, 105 °C, min. 0.4 mm thick.	UL
Metal chassis	Interchangeable	Interchangeable	Metal, min. 1.0 mm thick	Test with appliance
Bleeder resistor (R7, R8, R9, R10)	Interchangeable	Interchangeable	Max. 680 kΩ , min. 1/4 W	Test with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
PCB	Interchangeable	Interchangeable	V-1 or better, min. 130 °C	UL
<p><input type="checkbox"/> 유의사항 (Attention) :</p> <p>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.</p> <p><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></p> <p>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.</p> <p><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></p>				

FP511-04

**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)
Not applicable	
제품특기사항 및 시험조건 Remarks & Test conditions	
<p>1. Review Ref. No.: 23-079592-01-2 - DEKRA Ref. No.: 4912322.01</p> <p>2. Product Description: - Measured Power Consumption: 214 W - Insulation Class: Class I - Protection against Ingress of water: IP00 - Mass of Equipment: Approx. 0.48 kg</p>	
<p><input type="checkbox"/> 본 제품의 검토내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토담당자 / 연락처 : 고객지원본부 인증융합평가센터 장 재용 / 02-860-1137</p> <p><input type="checkbox"/> <i>If you have any question on product review, please contact the person below :</i> <i>Job holder: Customer Support Division, Certification Convergence Evaluation Center, J.Y.Jang / +82 2 860 1137</i></p>	

FP511-05

**첨부 3 : 안전확인신고 내용의 변경 현황**  
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06



첨부 : 제품사진  
Photographs



