

접 수 번 호 : 21-080734-07-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU101076-20004A
(Application No.)

신 고 회 사 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Applicant)

주 소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890,
(Address) Guangdong, China

제 품 명 : 컴퓨터용 전원공급장치(Switching Power Supply)
(Product)

기 본 모 델 명 : LRS-100-12
(Basic Model)

파 생 모 델 명 : Not Applicable
(Series Model)

정격/안전기준상의 모델구분 : 100-240 V~, 50/60 Hz, 2.1 A (DC Output: 12 V, 8.5 A)
(Rating)

안 전 기 준 : K60950-1(2011-12)
(Standard)

본 확인신고는 제 조 국 명 : 중국

제조업자 명 : 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.

2022 년 01 월 06 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)

□ 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	Metal, minimum 0.6 mm thick.	-
PCB	Interchangeable	Interchangeable	V-1 or better, 130 °C min.	UL
Fuse (FS1)	CONQUER ELECTRONICS CO LTD	MST series	T4 AL, 250 Vac or 300 Vac	VDE
(Alternate)	Ever Island Electric Co., Ltd. and Walter Electric	2010	T4 AL, 250 Vac or 300 Vac	VDE
Bleeder resistor (R1, R2, R3)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Each rated maximum 180 k ohm, minimum. 1/4 W.	Tested with appliance
X-Capacitor (C1) (Optional)	KEMET ELECTRONICS CORPORATION / ARCOTRONICS	R.46, R49	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	ISKRA KONDENZATORJI D D	KNB1530, KNB1560	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	LIOW GU ELECTRONICS INDUSTRY CO LTD	GS-L	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	PILKOR ELECTRONICS CO LTD	PCX2 335, PCX2 335M, PCX2 337	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	EPCOS ELECTRONIC COMPONENTS S A	B3292#, B3292 series, B3292#C/D/T /S/H/J3 series	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	ULTRA TECH XIPHI ENTERPRISE CO LTD	HQX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE
(Alternate)	JOEY ELECTRONICS (DONG GUAN) CO LTD	MPX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKP	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	CARLI ELECTRONICS CO LTD	MPX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	CHENG TUNG INDUSTRIAL CO LTD	CTX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP62	Max. 0.68 μ F, Min. 250 Vac. Class X1 or X2	VDE, ENEC
Y-Capacitor (C30, C129) (Optional)	MURATA MFG CO LTD	KX	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Max. 4700 pF, Min. 250 Vac. Class Y1 or Y2	VDE
(Alternate)	TDK-EPC CORP.	CD	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
Bridge Capacitor (C31, C32 in series) (Optional)	MURATA MFG CO LTD	KX	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Max. 3300 pF, Min. 250 Vac. Class Y1 or Y2	VDE
(Alternate)	TDK-EPC CORP.	CD	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Optical Isolator (U2, U3)	Lite-On Technology Corp.	LTV-817, LTV-817M	Dti = 0.6 mm, internal cr. = 5.2 mm (thermal cycling test), external cr. = 8.0 mm, 115 °C	VDE, D
(Alternate)	Sharp Corp. Electronic Components Group	PC123	Dti > 0.4 mm, int.dcr. = thermal cycling test, ext. dcr > 8 mm, 110 °C	VDE, FI
(Alternate)	Cosmo Electronics Corp.	K1010	Dti = 0.5 mm, internal cr. = 5.3 mm (thermal cycling test), external cr. = 8.0 mm, 115 °C	VDE, D
(Alternate)	Toshiba Corporation Semiconductor & Storage Products Company	TLP781F	Dti > 0.6 mm, int.dcr. = thermal cycling test, ext.dcr > 8 mm, 115 °C	VDE, D
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Dti > 0.6 mm, int.dcr. = thermal cycling test, ext. dcr > 8 mm, 115°C	VDE, D
Transformer (T1)	MEAN WELL Enterprise Co., Ltd.	TF-5253	Class B	Tested with appliance
Line Filter(LF1)	MEAN WELL Enterprises Co., Ltd.	LF-5004	Min. 120 °C	Tested with appliance
(Alternate) Line Choke Coil (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	LF-904	Min. 130°C.	-

☐ 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.

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.

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.

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.

☐ 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	
1. Test Report Ref. No. : 20-003951-02-2 (2020.04.23) 2. Product Description - Measured power consumption: 123.0 W - Class of equipment: Class I - Protection against ingress of water: IPX0 - Mass of equipment (kg): 0.316 kg - Rating: 100-240 V~, 50/60 Hz, 2.1 A (DC Output: 12 V, 8.5 A)	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : 디지털산업본부 전기전자기술센터 이 선경 / 02-860-1434 ☐ If you have any question on product testing, please contact the person below : Job holder : S.M.A.R.T. Industry Division, Electrical and Electronic Technology Center, Sun Kyung Lee / +82 2 860-1434	

FP511-05

☐ 첨부 3 : 안전확인신고 내용의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Change of applicant name, president and address (21-080734-07-1 : 2022.01.06.) - Before : MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BRANCH / Yin Xiao Ming / No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou 510890, P.R. China - After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang / No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

FP511-06

접 수 번 호 : 20-003951-02-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 (Application No.) : ZU101076-20004
신 고 회 사 명 (Applicant) : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
주 소 (Address) : No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. China
제 품 명 (Product) : 컴퓨터용 전원공급장치(Switching Power Supply)
기 본 모 델 명 (Basic Model) : LRS-100-12
파 생 모 델 명 (Series Model) : Not Applicable
정격/안전기준상의 모델구분 (Rating) : 100-240 V~, 50/60 Hz, 2.1 A (DC Output: 12 V, 8.5 A)
안 전 기 준 (Standard) : K60950-1(2011-12)

본 확인신고는 제 조 국 명 : 중국
제조업자 명 : MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BR
ANCH
제조공장의 주소 : No. 11 Jingu South Road, Huadong Town, Huadu District, Guangzhou 510890, P. R. 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.

2020 년 04 월 24 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)

□ 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	Metal, minimum 0.6 mm thick.	—
PCB	Interchangeable	Interchangeable	V-1 or better, 130 °C min.	UL
Fuse (FS1)	CONQUER ELECTRONICS CO LTD	MST series	T4 AL, 250 Vac or 300 Vac	VDE
(Alternate)	Ever Island Electric Co., Ltd. and Walter Electric	2010	T4 AL, 250 Vac or 300 Vac	VDE
Bleeder resistor (R1, R2, R3)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Each rated maximum 180 k ohm, minimum. 1/4 W.	Tested with appliance
X-Capacitor (C1) (Optional)	KEMET ELECTRONICS CORPORATION / ARCOTRONICS	R.46, R49	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	ISKRA KONDENZATORJI D D	KNB1530, KNB1560	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	LIOW GU ELECTRONICS INDUSTRY CO LTD	GS-L	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	PILKOR ELECTRONICS CO LTD	PCX2 335, PCX2 335M, PCX2 337	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	EPCOS ELECTRONIC COMPONENTS S A	B3292#, B3292 series, B3292#C/D/T /S/H/J3 series	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	ULTRA TECH XIPHI ENTERPRISE CO LTD	HQX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE
(Alternate)	JOEY ELECTRONICS (DONG GUAN) CO LTD	MPX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKP	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC
(Alternate)	CARLI ELECTRONICS CO LTD	MPX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	VDE, ENEC
(Alternate)	CHENG TUNG INDUSTRIAL CO LTD	CTX	Max. 0.68 µF, Min. 250 Vac. Class X1 or X2	ENEC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP62	Max. 0.68 μ F, Min. 250 Vac. Class X1 or X2	VDE, ENEC
Y-Capacitor (C30, C129) (Optional)	MURATA MFG CO LTD	KX	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Max. 4700 pF, Min. 250 Vac. Class Y1 or Y2	VDE
(Alternate)	TDK-EPC CORP.	CD	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Max. 4700 pF, Min. 250 Vac. Class Y1	VDE
Bridge Capacitor (C31, C32 in series) (Optional)	MURATA MFG CO LTD	KX	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Max. 3300 pF, Min. 250 Vac. Class Y1 or Y2	VDE
(Alternate)	TDK-EPC CORP.	CD	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Max. 3300 pF, Min. 250 Vac. Class Y1	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Optical Isolator (U2, U3)	Lite-On Technology Corp.	LTV-817, LTV-817M	Dti = 0.6 mm, internal cr. = 5.2 mm (thermal cycling test), external cr. = 8.0 mm, 115 °C	VDE, D
(Alternate)	Sharp Corp. Electronic Components Group	PC123	Dti > 0.4 mm, int.dcr. = thermal cycling test, ext. dcr > 8 mm, 110 °C	VDE, FI
(Alternate)	Cosmo Electronics Corp.	K1010	Dti = 0.5 mm, internal cr. = 5.3 mm (thermal cycling test), external cr. = 8.0 mm, 115 °C	VDE, D
(Alternate)	Toshiba Corporation Semiconductor & Storage Products Company	TLP781F	Dti > 0.6 mm, int.dcr. = thermal cycling test, ext.dcr > 8 mm, 115 °C	VDE, D
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Dti > 0.6 mm, int.dcr. = thermal cycling test, ext. dcr > 8 mm, 115°C	VDE, D
Transformer (T1)	MEAN WELL Enterprise Co., Ltd.	TF-5253	Class B	Tested with appliance
Line Filter(LF1)	MEAN WELL Enterprises Co., Ltd.	LF-5004	Min. 120 °C	Tested with appliance
(Alternate) Line Choke Coil (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	LF-904	Min. 130°C.	-

☐ 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.

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.

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.

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.

☐ **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	
1. Test Report Ref. No. : 20-003951-02-2 (2020.04.23) 2. Product Description - Measured power consumption: 123.0 W - Class of equipment: Class I - Protection against ingress of water: IPX0 - Mass of equipment (kg): 0.316 kg - Rating: 100-240 V~, 50/60 Hz, 2.1 A (DC Output: 12 V, 8.5 A)	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자 : BK 전략본부 정보조명평가센터 이 선경 / 02-860-1434 ☐ <i>If you have any question on product testing, please contact the person below :</i> <i>Job holder : BK Strategy Division, IT & Lighting Testing Center, Sun Kyung Lee / +82 2 860-1434</i>	

FP511-05

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

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06

접 수 번 호 : 21-080734-01-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU101076-20010A
(Application No.)

신 고 회 사 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Applicant)

주 소 : No.11 Jingu South Road, Huadu District, Guangzhou 510890,
(Address) Guangdong, China

제 품 명 : 컴퓨터용 전원공급장치(Switching Power Supply)
(Product)

기 본 모 델 명 : LRS-100-24
(Basic Model)

파 생 모 델 명 : Not Applicable
(Series Model)

정격/안전기준상의 모델구분 : 100-240 V~50/60 Hz, 2.1 A (Output: 24 Vdc, 4.5 A)
(Rating)

안 전 기 준 : K60950-1(2011-12)
(Standard)

본 확인신고는 제 조 국 명 : 중국

제조업자 명 : 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.

2022 년 01 월 06 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)

□ 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
Chassis	Interchangeable	Interchangeable	Metal, Min. 0.6 mm thickness	-
PCB	Interchangeable	Interchangeable	V-1 or better, 130 °C min.	UL
Fuse(FS1)	CONQUER ELECTRONICS CO LTD	MST series	T4AL, 250 Vac or 300 Vac	VDE, UL
(Alternate)	Ever Island Electric Co., Ltd. and Walter Electric	2010	T4AL, 250 Vac or 300 Vac	VDE, UL
Discharge IC (U4) (Optional, U4 used when R2 without provided)	On-Semiconductor	NCP4810	Maximum AC1 pin Voltage related to AC2 pin = -700V to 700V, I _{disch_min} = 0.85 mA (Applicable for use to mains supply 100-240 Vac 60-50 Hz)	NEMKO
(Alternate)	Power Integrations, Inc.	SC1143	230 V AC nominal (tested for 85-265 Vac, 47-63 Hz)	NEMKO
Bleeder resistor (R1, R2, R3) (when U4 not provided)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Each rated maximum 180k ohm, minimum 1/4 W.	UL
Bleeder resistor (R1, R3) (when U4 provided, use On-Semiconductor / NCP4810)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Total resistance 150k-1M ohms, minimum 1/4 W.	UL
(R1, R3) (when U4 provided, use Power Integrations, Inc./ SC1143)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Total resistance 142 k-7.5 M ohms, minimum 1/4 W.	UL
X-Capacitor (C1) (Optional)	KEMET ELECTRONICS CORPORATION / ARCOTRONICS	R.46, R49	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	ISKRA KONDENZ ATORJI D D	KNB1530, KNB1560	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	LIOW GU ELECTRONICS INDUSTRY CO LTD	GS-L	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	PILKOR ELECTRONICS CO LTD	PCX2 335, PCX2 335M, PCX2 337	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	EPCOS ELECTRONIC COMPONENTS SA	B3292#, B3292 series, B3292#C/D/T /S/H/J3 series	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	ULTRA TECH XIPHI ENTERPRISE CO LTD	HQX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, UL
(Alternate)	JOEY ELECTRONICS (DONG GUAN) CO LTD	MPX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKP	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	CARLI ELECTRONICS CO LTD	MPX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	CHENG TUNG INDUSTRIAL CO LTD	CTX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP62	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	LF-5004	Rated min. 120 °C.	Tested with appliance
(Alternate)	MEAN WELL Enterprises Co., Ltd.	LF-904	Rated min. 130 °C.	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-Capacitor (C30) (Optional)	MURATA MFG CO LTD	KX	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Rated maximum 4700 pF, minimum 250 Vac. Class Y1 or Y2, 125 °C	VDE, UL
(Alternate)	TDK-EPC CORP.	CD	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
Bridge Capacitor C31, C32) provided in series (Optional)	MURATA MFG CO LTD	KX	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Rated maximum 3300 pF, minimum 250 Vac. Class Y1 or Y2, 125°C	VDE, UL
(Alternate)	TDK-EPC CORP.	CD	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL

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	WKP	Rated maximum 3300 pF, minimum 250 Vac.Class Y1, 125 °C	VDE, UL
Optical Isolator (U2, U3)	Lite-On Technology Corp.	LTV-817, LTV-817M	Dti=0.6mm, internal cr.= 5.2 mm (thermal cycling test), external cr.= 8.0mm. 115°C	VDE, D, UL
(Alternate)	Sharp Corp. Electronic Components Group	PC123	Dti> 0.4 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 110°C	VDE, FI, UL
(Alternate)	Cosmo Electronics Corp.	K1010	Dti=0.5mm, internal cr.= 5.3 mm (thermal cycling test), external cr.= 8.0mm, 115°C	VDE, D, UL
(Alternate)	Toshiba Corporation Semiconductor & Storage Products Company	TLP781F	Dti> 0.6 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 115°C	VDE, D, UL
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Dti> 0.6 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 115°C	VDE, D, UL
Transformer (T1)	MEAN WELL Enterprises Co., Ltd.	TF-5255	Class B	Tested with appliance

☐ 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.

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.

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.

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.

☐ 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	
1. Test Report Ref. No. : 20-003951-03-2 2. Product Description - Measured power consumption: 126.6 W - Class of equipment: Class I - Protection against ingress of water: IPX0 - Mass of equipment (kg): 0.305 - Tma(Manufacturer specified ambients): 45 °C - Input rating: 100-240 V~50/60 Hz, 2.1 A (Output: 24 Vdc, 4.5 A)	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자: 디지털산업본부 전기전자기술센터 문 상 현 / (02)860-1432 ☐ If you have any question on product testing, please contact the person below : Job holder : S.M.A.R.T. Industry Division, Electrical and Electronic Technology Center, Sang-heon Moon / +82 2 860-1432	

FP511-05

☐ 첨부 3 : 안전확인신고 내용의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Change of applicant name, president and address (21-080734-01-1 : 2022.01.06.) - Before : MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BRANCH / Yin Xiao Ming / No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou 510890, P.R. China - After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang / No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China

FP511-06

접 수 번 호 : 20-003951-03-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신 고 번 호 : ZU101076-20010
(Application No.)

신 고 회 사 명 : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch
(Applicant)

주 소 : No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou,
(Address) P.R. China

제 품 명 : 컴퓨터용 전원공급장치(Switching Power Supply)
(Product)

기 본 모 델 명 : LRS-100-24
(Basic Model)

파 생 모 델 명 : Not Applicable
(Series Model)

정격/안전기준상의 모델구분 : 100-240 V~50/60 Hz, 2.1 A (Output: 24 Vdc, 4.5 A)
(Rating)

안 전 기 준 : K60950-1(2011-12)
(Standard)

본 확인신고는 제 조 국 명 : 중국
제조업자 명 : MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BR
ANCH
제조공장의 주소 : No. 11 Jingu South Road, Huadong Town, Huadu District, Guangzhou 510890, P. R. 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.

2020 년 05 월 18 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)

□ 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
Chassis	Interchangeable	Interchangeable	Metal, Min. 0.6 mm thickness	—
PCB	Interchangeable	Interchangeable	V-1 or better, 130 °C min.	UL
Fuse(FS1)	CONQUER ELECTRONICS CO LTD	MST series	T4AL, 250 Vac or 300 Vac	VDE, UL
(Alternate)	Ever Island Electric Co., Ltd. and Walter Electric	2010	T4AL, 250 Vac or 300 Vac	VDE, UL
Discharge IC (U4) (Optional, U4 used when R2 without provided)	On-Semiconductor	NCP4810	Maximum AC1 pin Voltage related to AC2 pin = -700V to 700V, Idisch_min = 0.85 mA (Applicable for use to mains supply 100-240 Vac 60-50 Hz)	NEMKO
(Alternate)	Power Integrations, Inc.	SC1143	230 V AC nominal (tested for 85-265 Vac, 47-63 Hz)	NEMKO
Bleeder resistor (R1, R2, R3) (when U4 not provided)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Each rated maximum 180k ohm, minimum 1/4 W.	UL
Bleeder resistor (R1, R3) (when U4 provided, use On-Semiconductor / NCP4810)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Total resistance 150k-1M ohms, minimum 1/4 W.	UL
(R1, R3) (when U4 provided, use Power Integrations, Inc./ SC1143)	TZAI YUAN Enterprise Co., Ltd.	SMD*****	Total resistance 142 k-7.5 M ohms, minimum 1/4 W.	UL
X-Capacitor (C1) (Optional)	KEMET ELECTRONICS CORPORATION / ARCOTRONICS	R.46, R49	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternate)	ISKRA KONDENZ ATORJI D D	KNB1530, KNB1560	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	LIOW GU ELECTRONICS INDUSTRY CO LTD	GS-L	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	PILKOR ELECTRONICS CO LTD	PCX2 335, PCX2 335M, PCX2 337	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	EPCOS ELECTRONIC COMPONENTS SA	B3292#, B3292 series, B3292#C/D/T /S/H/J3 series	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	ULTRA TECH XIPHI ENTERPRISE CO LTD	HQX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, UL
(Alternate)	JOEY ELECTRONICS (DONG GUAN) CO LTD	MPX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	HUA JUNG COMPONENTS CO LTD	MKP	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	CARLI ELECTRONICS CO LTD	MPX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
(Alternate)	CHENG TUNG INDUSTRIAL CO LTD	CTX	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	ENEC, UL
(Alternate)	XIAMEN FARATRONIC CO LTD	MKP62	Rated maximum 0.68 μ F, minimum 250 Vac. Class X1 or X2. 85 °C min.	VDE, ENEC, UL
Line Choke (LF1) (Optional)	MEAN WELL Enterprises Co., Ltd.	LF-5004	Rated min. 120 °C.	Tested with appliance
(Alternate)	MEAN WELL Enterprises Co., Ltd.	LF-904	Rated min. 130 °C.	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Y-Capacitor (C30) (Optional)	MURATA MFG CO LTD	KX	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Rated maximum 4700 pF, minimum 250 Vac. Class Y1 or Y2, 125 °C	VDE, UL
(Alternate)	TDK-EPC CORP.	CD	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	WKP	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
(Alternate)	VISHAY CERA-MITE CORPORATION	440L...	Rated maximum 4700 pF, minimum 250 Vac. Class Y1, 125 °C	VDE, UL
Bridge Capacitor C31, C32) provided in series (Optional)	MURATA MFG CO LTD	KX	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	WALSIN TECHNOLOGY CORP	AH, AC, AS	Rated maximum 3300 pF, minimum 250 Vac. Class Y1 or Y2, 125°C	VDE, UL
(Alternate)	TDK-EPC CORP.	CD	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	WELSON INDUSTRIAL CO LTD	WD	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL
(Alternate)	VISHAY ELECTRONIC GMBH	VY1	Rated maximum 3300 pF, minimum 250 Vac. Class Y1, 125°C	VDE, UL

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	WKP	Rated maximum 3300 pF, minimum 250 Vac.Class Y1, 125 °C	VDE, UL
Optical Isolator (U2, U3)	Lite-On Technology Corp.	LTV-817, LTV-817M	Dti=0.6mm, internal cr.= 5.2 mm (thermal cycling test), external cr.= 8.0mm. 115°C	VDE, D, UL
(Alternate)	Sharp Corp. Electronic Components Group	PC123	Dti> 0.4 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 110°C	VDE, FI, UL
(Alternate)	Cosmo Electronics Corp.	K1010	Dti=0.5mm, internal cr.= 5.3 mm (thermal cycling test), external cr.= 8.0mm, 115°C	VDE, D, UL
(Alternate)	Toshiba Corporation Semiconductor & Storage Products Company	TLP781F	Dti> 0.6 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 115°C	VDE, D, UL
(Alternate)	Everlight Electronics Co., Ltd.	EL817	Dti> 0.6 mm, int. dcr.= thermal cycling test, ext. dcr>8 mm, 115°C	VDE, D, UL
Transformer (T1)	MEAN WELL Enterprises Co., Ltd.	TF-5255	Class B	Tested with appliance

☐ 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.

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.

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.

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.

☐ **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	
1. Test Report Ref. No. : 20-003951-03-2 2. Product Description - Measured power consumption: 126.6 W - Class of equipment: Class I - Protection against ingress of water: IPX0 - Mass of equipment (kg): 0.305 - Tma(Manufacturer specified ambients): 45 °C - Input rating: 100-240 V~50/60 Hz, 2.1 A (Output: 24 Vdc, 4.5 A)	
☐ 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험담당자: BK 전략본부 정보조명평가센터 문 상 현 / (02)860-1432 ☐ If you have any question on product testing, please contact the person below : Job holder : BK Strategy Division, IT & Lighting Testing Center, Sang-heon Moon / +82 2 860-1432	

FP511-05

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

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06