

접 수 번 호 : 24-084492-01-1
(Receipt No.)



안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 : SU11358-19013D
(Certificate No.)

제 조 업 자/수 입 업 자 명 : MEAN WELL (Guangzhou) Electronics Co.,Ltd.
(Manufacturer/importer)

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

제 품 명 : 조명기구용컨버터(LED용)
(Product) (Electronic controlgear)

기 본 모 델 명 : XLG-240-H-AB
(Basic Model)

파 생 모 델 명 : XLG-240-H-A, XLG-240-H
(Series Model)

정격/안전기준상의 모델구분 : AC 100-240 V, 50/60 Hz, 255 W
(Rating) (Output: 4.28 A, max. DC 60 V)

시 험 기 준 : KC61347-1(2022-02), KC61347-2-13(2022-02)
(Standard)

본 인증서는 제 조 국 명 : 중국
제 조 업 자 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」 제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라
안전인증서를 발급합니다.

We Issue This Safety Certificate for the above appliances in accordance with the Article 9(2),9(4),10(2)
or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control
Act.

2025 년 01 월 03 일
Year month day

한국산업기술시험원장
KOREA TESTING LABORATORY



※ 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」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)
2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
3. 안전인증의 변경 현황 (Revisions Status)

안전인증 및 자율안전확인을 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 a 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 certification (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)

□ 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
Input cord (indoor use only)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 0.75 mm ²	KC
Input cord	Dongguan Ever United Electric Wire & Cable Co., Ltd.	K60245 IEC 57 H05RN-F 3G0.75 mm ² -1.0 mm ²	AC 300 / 500 V, 3G x 1.0 mm ²	KC
(Alternative)	DONGGUAN TAWANG ELECTRONICS CO LTD	60245 IEC 57 H05RN-F	AC 300 / 500 V, 3G x 1.0 mm ²	KC
(Alternative)	Dongguan Ever United Electric Wire&Cable Co., Ltd.	K60245 IEC 66 H07RN-F 3G1.0 mm ² -4 mm ²	AC 450 / 750 V, 3G x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 57 (H05RN-F) 3×1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Guangdong Rifeng Electrical Cable Co.,Ltd	60245 IEC 66 (H07RN-F) 3×1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Dongguan Ta Tun Electric Wire & Cable Co., Ltd.	60245 IEC 57 (H05RN-F) 3×1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zheng Yu Electric Appliance Fittings (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) 3×1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zheng Yu Electric Appliance Fittings Co., Ltd	60245 IEC66 (H07RN-F) 3G 1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC 57 (H05RN-F) 3×1.0 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Zhenjiang Zhongjia Electric Co., Ltd	60245 IEC66 (H07RN-F) 3x1.0 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	K60245 IEC 57 2C-5Cx0.75 mm ² - 2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Shanghai Yusheng Enterprise Development Co.,Ltd	60245 IEC66 (H07RN-F), 3X1.0, 1.5, 2.5, 4 mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 57 (H05RN-F) 3x0.75/1.0/1.5/2.5 mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	DongGuan Recheer Electric Wire & Cable Co., Ltd	60245 IEC 66 (H07RN-F) (2-5)×(1.0-2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 66 (H07RN-F) (3/4/5)×(1/1.5/2.5) mm ²	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	I-Sheng Electronics (Kunshan) Co., Ltd.	60245 IEC 57 (H05RN-F) (3/4/5)×(0.75/1) mm ²	AC300/500 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 57 (H05RN-F 3G1.0)	AC450/750 V, 3 x 1.0 mm ²	KC
(Alternative)	Huizhou Mainland Electric Wire & Cable Co.,Ltd.	60245 IEC 66 (H07RN-F 2~5x1.0~2.5 mm ²)	AC450/750 V, 3 x 1.0 mm ²	KC
Fuse (FS1)	Conquer	MST	T5 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T5 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T5 A, 250 V or AC 300 V	VDE
(Alternative)	Conquer	MST	T6.3 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Walter	2010	T6.3 A, 250 V or AC 300 V	VDE / TUV
(Alternative)	Littelfuse	369	T6.3 A, 250 V or AC 300 V	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Varistor (ZNR1. ZNR3)	Thinking Electronic Industrial Co., Ltd.	TVR10561-M	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-V/B	AC 320 V, DC 410 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-V/B	AC 320 V, DC 410 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT14S471K	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-D	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10471-M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-M	AC 300 V, DC 385 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR 20471	AC 300 V, DC 385 V, min.105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14471-V/B	AC 300 V, DC 385 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-D	AC 320 V, DC 410 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10511-M	AC 320 V, DC 410 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14511-M	AC 320 V, DC 410 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-V/B	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14561-D	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10561-M	AC 350 V, DC 450 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-V/B	AC 440 V, DC 620 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-D	AC 440 V, DC 620 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14681-M	AC 440 V, DC 620 V, min.125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-V/B	AC 465 V, DC 750 V, min.85 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751-D	AC 465 V, DC 750 V, min.105 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR10751-M	AC 465 V, DC 750 V, min.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
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR14751-M	AC 465 V, DC 750 V, min.125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S511K JVT14S511K	AC 320 V, DC 510 V, min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S621K JVT14S621K	AC 395 V, DC 620 V, min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S681K JVT14S681K	AC 420 V, DC 560 V, min. 125 °C	VDE
(Alternative)	Joyin Co., Ltd.	JVT10S751K JVT14S751K	AC 465 V, DC 750 V, min. 125 °C	VDE
(Alternative)	Huiwan	V-471K-10D(E)H, V-471K-14D(E)H	AC 300 V, DC 470 V, min. 125 °C	VDE
(Alternative)	Huiwan	V-511K-10D(E)H, V-511K-14D(E)H	AC 320 V, DC 410 V, min. 125 °C	VDE
(Alternative)	Huiwan	V-561K-10D(E)H, V-561K-14D(E)H	AC 350 V, DC 450 V, min. 125 °C	VDE
(Alternative)	Huiwan	V-621K-10D(E)H, V-621K-14D(E)H	AC 395 V, DC 620 V, min. 125 °C	VDE
(Alternative)	Huiwan	V-681K-10D(E)H, V-681K-14D(E)H	AC 420 V, DC 560 V, min. 125 °C	VDE
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20471-D	AC 300 V, DC 385 V, min. 105 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Thinking Electronic Industrial Co., Ltd.	TVR20751	AC 465 V, DC 750 V, min. 105 °C	VDE
X Capacitors, X2 type (C1, C2)	Kemet (Arcotronics)	R.46	min AC 250V, 110 °C Max. 1 uF	ENEC
(Alternative)	Kemet (Arcotronics)	R.49	min AC 250V, 110 °C, Max. 1 uF	ENEC
(Alternative)	HUA JUNG	MKP	min AC 250V, 110 °C, Max. 1 uF	ENEC
(Alternative)	Carli Electronics	MPX	min AC 250V, V/310 V, 110 °C, Max. 1 uF	VDE
(Alternative)	Liow Gu	GS-L	Min. AC 250 V, 110 °C, Max. 1 uF	VDE
(Alternative)	Epcos	B3292#	Min. AC 250 V, 110 °C, Max. 1 uF	VDE
(Alternative)	NISSEI	MP1	300V, 100 °C, Max. 1 uF	VDE
Y capacitor, (C3,C4,C30,C31, C32,C129,C130) C3, C4 : Max.1000 pF, C30: Max.1000 pF C31,C32: Max.2200 pF, C129, C130 Max.10000 pF (Optional)	Murata	KX,KH,KY	min.250V, min,105 °C,	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Walsin	AH,AC,AS	min.250V, min,105 °C,	VDE
(Alternative)	TDK	CD,CS	min.250V, min,105 °C,	VDE
(Alternative)	Welson	WD,KL	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	VY1	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	WKP	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	440L	min.250V, min,105 °C,	VDE
(Alternative)	VISHAY	338 6	min.250V, min,105 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AB	min.300V, min,125 °C,	VDE
(Alternative)	Guangdong Huiwan Electronics	AR	min.500V, min,125 °C,	VDE
(Alternative)	Wanming	HM	min.250V, min,125 °C,	VDE
(Alternative)	Wanming	HJ	min.250V, min,125 °C,	VDE
PCB	Guangzhou Taihua Multilayer Circuit Board Co Ltd	ST-01	min. V-1, min. 130 °C	UL
(Alternative)	Tai He PCB Company Limited	THS THD1	Min. V-1, min. 130 °C	UL
(Alternative)	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T ML-401	Min. V-0, min. 130 °C	UL
(Alternative)	Junda	JD-D,JD-E, JD-D1	min. V-1, min. 130 °C	UL
(Alternative)	Suzhou Wutong Electronics Co Ltd	GS-1 GS-2 GS-3 GS-4, GS-4S	min. V-1, min. 130 °C	UL
(Alternative)	Jiangsu Difeida Electronics Co Ltd	DFD-2	min. V-1, min. 130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Jiin-Yu Enterprise Co Ltd	JY-001 JY-003	min. V-1, min. 130 °C	UL
(Alternative)	Hong Shien Enterprise Co Ltd	-D 03V-0	min. V-1, min. 130 °C	UL
(Alternative)	Hsu Tzu Electronic Co Ltd	DV2, DV0	min. V-1, min. 130 °C	UL
(Alternative)	KUNSHAN GUANG QIAN ELECTRONIC S CO LTD	D,D1	Min. V-1, min. 105 °C	UL
(Alternative)	KUNSHAN WANYU ANTONG ELECTRONIC TECHNOLOGY CO LTD	SWZ-1	Min. V-1, min. 130 °C	UL
(Alternative)	GUANGDONG CH AOHUA	C-103, C-104,C-109	Min. V-1, min. 130 °C	UL
(Alternative)	LOMBER CIRCUITS (HUIZHOU) LTD	FRV03, FRV03A	Min. V-1, min. 130 °C	UL
(Alternative)	RONG HUI	RH-3	Min. V-1, min. 130 °C	UL
(Alternative)	CHANGZHOU AOHONG	AOH-2, AOH-8	Min. V-1, min. 130 °C	UL
(Alternative)	CHANGZHOU HAI HONG	CCE-V0, HDCEM1	Min. V-1, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-962C TR-6253	130 °C	Tested with appliance
Line Filter Choke (LF2)	MEAN WELL	LF-6040	130 °C	Tested with appliance
Line Filter Choke (L1)	MEAN WELL	TR-6225 TR-6223B	130 °C	Tested with appliance
Line Filter Choke (L2)	MEAN WELL	TF-6945	130 °C	Tested with appliance
Winding of LF1, LF2, L1 and L2	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U(MW 75-C), UEWN/U(MW 28-C), UEWS/U(MW75-C)	130 °C	Tested with appliance /UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 28-C)	130 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80- C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA-H) (MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Transformer (T1) (for XLG-240-H, XLG-240-H-A)	MEAN WELL Enterprises Co., Ltd.	TF-6948A TF-6948D	Class B	Tested with appliance
Transformer (T1) (for XLG-240-H-AB)	MEAN WELL Enterprises Co., Ltd.	TF-6948AB TF-6948DB	Class B	Tested with appliance
Bobbin of T1, L2,LF2	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	V-0, Phenolic, 150 °C	Tested with appliance /UL
(Alternative)	Sumitomo Bakelite Co., Ltd.	PM-9823	V-0, 150 °C	UL
(Alternative)	E I Dupont DE Nemours & Co., Inc.	FR530	V-0, PET, 155 °C	UL
(Alternative)	NAN YA	1403G3, 1403G6	V-0, 130 °C	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J,T375HF T200HF,T220NA	V-0, 150 °C	UL
(Alternative)	SUMITOMO CHEMICAL CO LTD	E4008	130 °C	UL
Triple insulation wire of T1, ,LF1	Furukawa	TEX-E TEX-ELZ	130 °C	Tested with appliance /UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-2X, TIW-2SX	130 °C	UL
(Alternative)	TOTOKU ELECTRIC CO LTD	TIW-3X	155 °C	UL
(Alternative)	Great Leoflon Industrial Co Ltd	TRW(B)- M	130 °C	UL
(Alternative)	Great Leoflon Industrial Co Ltd	TRW(F)-M	155 °C	UL
Winding of transformer (T1)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEW/U@ (MW 75-C)	130 °C	Tested with appliance /UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DD(MW 75-C) , DD-NYU(MW 28-C)	130 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 75-C), UEW-U(MW 75-C), UEW/NY(MW 28-C)	130 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	UEY-2@(MW 28-C), UEW-4@(MW 75-C)	130 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 28-C)	130 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWE(MW 28-C)	130 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWN(MW 28-C)	130 °C	UL
(Alternative)	FENG CHING METAL CORP.	xUEW-NY(MW 28-C)	130 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD.	UEWN/U (MW 80-C), UEFN/U(MW 80-C)	155 °C	UL
(Alternative)	PACIFIC ELECTRIC WIRE & CABLE CO LTD.	DDF-NY(MW 80-C)	155 °C	UL
(Alternative)	SHANGHAI ASIA PACIFIC ELECTRI CO LTD.	UEW(MW 79-C), UEW/NY(MW 80-C)	155 °C	UL
(Alternative)	JUNG SHING WIRE CO LTD.	SFBY-2@(a)(MW 80- C), SFFW-2@(MW 79-C), SFBW- 2@(MW 79-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYTUN- B130(UEWNY/Q(A/X) -B,F)(MW 80-C)	155 °C	UL
(Alternative)	TA YA ELECTRIC WIRE & CABLE CO LTD.	TYFU- H180(UEW/QA-H) (MW 82-C)	180 °C	UL
(Alternative)	TAI- I ELECTRIC WIRE & CABLE CO LTD.	UEWF-E(MW 80-C)	155 °C	UL
(Alternative)	HUIZHOU GOLDEN OCEAN MAGNET WIRE FACTORY.	UEWNF(MW 80-C)	155 °C	UL

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	FENG CHING METAL CORP	xFSW-NY(MW 80-C)	155 °C	UL
Teflon tube	Great Holding Industrial Co., Ltd.	TFL,TFT,TFS	200 °C	Tested with appliance /UL
(Alternative)	ZEUS INDUSTRIAL PRODUCTS INC.	TFE-LW-150, TFE-TW-300, TFE-SW-600	200 °C	UL
Insulation tape of T1,	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1351-1(a), 1351-2(c), 1351T-1(a), 1351T-2(a), 1351T-3(a)	130 °C	Tested with appliance /UL
(Alternative)	BONDTEC PACIFIC CO LTD.	No 370S(b), No371F(a)	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV(EMD)	1350F-1(b), 1350T-1(b), 1350T-3(b), 1318-1,44	130 °C	UL
(Alternative)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	92	180 °C	UL
(Alternative)	Symbio Inc.	MY9YAF(h), 35660Y(e), 35660(a), 35661(c),	130 °C	UL
(Alternative)	JingjiangYahua	CT*(b)(g),	130 °C	UL
(Alternative)	E I DUPONT DE NEMOURS & CO INC	Nomex®410,411, 414, 418	220 °C	UL
(Alternative)	BONDTEC PACIFIC CO LTD.	Polyester Film No 371F(a)	130 °C	UL
Photo coupler (U3, U4)	SHARP	PC3L57	Dti = 0.4 mm, Int. dcr.= 6 mm, Ext. dcr.≥ 8.3 mm, min.110 °C	VDE
(Alternative)	CT MICRO ELECTRONICS FAR EAST LTD	CT1019	Dti ≥ 0,4 mm, Ext. dcr.≥ 8,0 mm,	VDE
(Alternative)	Lite-On	LTV-1006, LTV-1008	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0 mm, min. 100 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Lite-On	LTV-817, LTV-817M LTV-817S	Dti= 0,4 mm, Int. cr= 5,2 mm, Ext.cr≥8mm, 115 °C	VDE
(Alternative)	Sharp	PC123	Dti= 0,4 mm, Int. cr= 5,2 mm, Ext. cr= 8,0 mm, 110 °C	VDE
(Alternative)	Cosmo	K1010	Dti= 0,5 mm, Int. cr= 5,3 mm, Ext. cr = 8,0 mm, 115 °C	VDE
(Alternative)	RENESAS ELECTRONICS CORPORATION	PS2561DL1-1	Dti = 0,4 mm, Int. dcr.= 5,0 mm, Ext. dcr.≥ 8,0 mm, min. 110 °C	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥8.0 mm, 115 °C	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥8.0 mm, min. 110 °C	VDE
(Alternative)	VISHAY	TCLT1008	Dti = 0.43 mm, Ext. dcr.≥8.25 mm, min. 115 °C	VDE
Photo coupler U602 (only for AB type)	SHARP	PC3L57	Dti = 0.4 mm, Int. dcr.= 6 mm, Ext. dcr.≥8.3 mm, min.110°C	VDE
(Alternative)	CT MICRO ELECTRONICS FAR EAST LTD	CT1019	Dti ≥ 0,4 mm, Ext. dcr.≥8,0 mm,	VDE
(Alternative)	Lite-On	LTV-1006, LTV-1008	Dti = 0.4 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥8.0 mm, min. 100 °C	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Lite-On	LTV-817, LTV-817M LTV-817S	Dti= 0,4 mm, Int. cr= 5,2 mm, Ext.cr≥ 8 mm, 115 °C	VDE
(Alternative)	Sharp	PC123	Dti= 0,4 mm, Int. cr= 5,2 mm, Ext. cr= 8,0 mm, 110 °C	VDE
(Alternative)	Cosmo	K1010	Dti= 0,5 mm, Int. cr= 5,3 mm, Ext. cr = 8,0 mm, 115 °C	VDE
(Alternative)	RENESAS ELECTRONICS CORPORATION	PS2561DL1-1	Dti = 0,4 mm, Int. dcr.= 5,0 mm, Ext. dcr.≥ 8,0 mm, min. 110 °C	VDE
(Alternative)	Toshiba Corporation	TLP781F	Dti = 0.6 mm, Int. dcr.= 6.0 mm, Ext. dcr.≥ 8.0mm, 115°C	VDE
(Alternative)	Everlight	EL817M	Dti = 0.4 mm, Int. dcr.= 6.mm, Ext. dcr.≥ 8.mm, min. 110 °C	VDE
(Alternative)	VISHAY	TCLT1008	Dti = 0.43 mm, Ext. dcr.≥ 8.25 mm, min. 115 °C	VDE
Potting compound	Guangzhou Huitian New Chemical Ltd.	5299, 5297	V-0, 150 °C	Tested with a ppliance /UL
(Alternative)	Shin-Etsu Silicone Taiwan Co., Ltd.	KET-132 A/B H	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	SYLGARD 160	V-0, 150 °C	UL
(Alternative)	DOW CORNING CORP	TC-6011	V-0, 150 °C	UL
(Alternative)	U-Bond	UB-5203A/ UB-5203B	V-0, 150 °C	UL
(Alternative)	Riseast	SSTCP	V-0, 150 °C	UL
(Alternative)	LINKTECH SILICONE MATERIAL CO LTD	EncapSil 1400	V-0, 150 °C	UL

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>				

FP511-04-01

□ 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)
XLG-240-H-A	Without Dimming PCB and Dimming wire and output rating difference (Output: 4.28-6.6 A, max. DC 60 V)
XLG-240-H	Without Dimming PCB, Dimming wire and Rear cover and output rating difference (Output: 4.28-6.6 A, max. DC 60 V)
제품특기사항 및 시험조건 Remarks & Test conditions	
1. Review Ref. No.: 19-048960-01-2 (2019.08.09.) 2. Product Description - Rated Input: AC 100-240 V, 50/60 Hz, 255 W, 2.7 A - Rated output current (I_{rated}) : 4.28 A - Rated output power (P_{rated}) : 239.6 W - Maximum output voltage(U_{OUT}) : DC 60 V - t_c : 90 °C, t_a : 50 °C - Power factor : 0.95 - IP ratings : IP67 - Type of protection : Class I - Thermally protection : 110 °C - Constant current type, Independent, SELV controlgear - With Dimming PCB, Dimming wire and Rear cover(Plastic cap) - This product is filled with potting compound - Metal enclosure used	
□ 본 제품의 검토내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 검토담당자 / 연락처 : 인증사업본부 인증융합센터 박 종구 / (055)791-3301 □ If you have any question on product review, please contact the person below : Job holder: Certification Business Division, Certification Convergence Center, J.K.PARK/+82 55 791-3301	

FP511-05-00

☐ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1st Rev.) Change name, president and address of manufacturer (21-080534-04-1 : 2022.01.04.) - Before : MEAN WELL (Guangzhou) Electronics Co., Ltd. Huadu branch / Yin Xiao Ming No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, P.R. China - After : MEAN WELL (Guangzhou) Electronics Co.,Ltd. / Aden Wang No.11 Jingu South Road, Huadu District, Guangzhou 510890, Guangdong, China 2nd Rev.) change of components (23-001387-01-1 : 2023.02.28.) based on CB Certificate Ref. No.: NL-82165 (DEKRA Certification B.V) and CB report No., 4386441.50 (DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch) - add new components - change rating for components - Add alternative PCB layout for all models as new IC used. The alternative PCB layout was similar with original one. - Change the L1 inductor from TR6225 to TR6223B

변경발급 내용
Contents of Certificate Revisions

3rd Rev.) Modification of components (23-043447-02-1 : 2023.08.22.)

and update of KC standards to KC61347-1(2022.02) & KC61347-2-13(2022.02), based on
CB Certificate Ref. No.: NL-87878 (DEKRA Certification B.V) and CB report No., 43055
8.50 (DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch)

- addition of alternative components

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
PCB	Tai He PCB Company Limited	THS THD1	Min. V-1, min. 130 °C	UL
PCB	KIN YIP TECHNOLOGY ELECTRONICS (HUIZHOU) CO LTD	DS-206T ML-401	Min. V-0, min. 130 °C	UL
Line Filter Choke (LF1)	MEAN WELL	TR-6253	130 °C	Tested with appliance

- deletion of below components

Component (Part no.)	Manufacturer(Brand)	Model	Rating	Tested by
(Alternative)	Guangzhou Taihe Printed Cir cuit Board Limited	THS	min. V-1, min. 130 °C	UL

- Electrical Rating OUTPUT change from 4.28A to 4.28-6.66A for derivative models

4th Rev.) Add an alternative PCB layout construction (24-084492-01-1 : 2025.01.03.)

MoU NCB Review report based on

CB Certificate Ref. No.: NL-112760 (DEKRA Certification B.V.) and CB report

No. 4929345.50 (DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch)

- Add an alternative PCB layout construction which changed the capsulation of schottky
rectifier from SMD to plug-in type.