접 수 번 호 (Receipt No.) : 26-031401-01-1

안 전 인 증 서

Safety Certificate

안 전 인 증 번 호 (Certificate No.)	:	SU10846-26001
제 조 업 자/수 입 업 자 명 (Manufacturer/importer)	:	ZHEJIANG TOT ELECTRIC CO.,LTD.
주 소 (Address)	:	NO.1 DEXIAN ROAD, CHENGNAN INDUSTRIAL AREA, DONGHUA STREET, LONGYOU COUNTY, QUZHOU CITY, ZHEJIANG PROVINCE, CHINA
제 품 명 (Product)	:	직류전원장치(USB power supply)
기 본 모 델 명 (Basic Model)	:	E08T227-FW
파 생 모 델 명 (Series Model)	:	See the attachment 2
정격/안전기준상의 모델구분 (Rating)	:	Input: AC 220-250 V~, 50/60 Hz, Max. 0.6 A ; Output: Type A: DC 5.0 V, 3.0 A; DC 9.0 V, 2.0 A; DC 12.0 V, 1.5 A, Max. 18.0 W; Type C: DC 5.0 V, 3.0 A; DC 9.0 V, 2.22 A; DC 12.0 V, 1.67 A, Max. 20.0 W; Type A+C: DC 5.0 V, 3.0 A, Max. 15.0 W
시 험 기 준 (Standard)	:	KC62368-1(2025-10)

본 인증서는 제 조 국 명 : 중국
제 조 업 자 명 : ZHEJIANG TOT ELECTRIC CO.,LTD.
제조공장의 주소 : NO.1 DEXIAN ROAD, CHENGNAN INDUSTRIAL AREA, DONGHUA STREET, LONGYOU COUNTY, QUZHOU CITY, ZHEJIANG PROVINCE, 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.

2026 년 (Year) 07 월 (month) 15 일 (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 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 form 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 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)

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

부품명(회로기호) Component(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Enclosure	Zhejiang Expo New Materials Co Ltd	H330	PC; V-0; 850℃ thickness: 1,5mm	UL
CX1	DONGGUAN CHENGDONG ELECTRONIC TECHNOLOGY CO LTD	MPX	0.1μ F ±10%(K); 40/110/56/B; X2 275 VAC	VDE
PCB	GOLDENMAX INTERNATIONAL TECHNOLOGY (ZHUHAI) LTD	GDM-R1, ILM-R1	130 °C, V-0	UL
Fuse (F1)	DONGGUAN EASTFUSE ELECTRONICS TECHNOLOGY CO LTD	392	T2 A, 250 Vac	VDE
(Alternative)	DONGGUAN REOMAX ELECTRONICS TECHNOLOGY CO., LTD	MTS	T2 A, 250 Vac	VDE
(Alternative)	Shenzhen Lanson Electronics Co., Ltd.	SQT	T2 A, 250 Vac	VDE
(Alternative)	XC Electronics (Shen Zhen) Corp. Ltd.	5TE	T2 A, 250 Vac	VDE
(Alternative)	Honghu Bluelight Electronic Co.,Ltd.	6ET	T2 AL, 250 Vac	VDE
(Alternative)	Honghu Bluelight Electronic Co.,Ltd.	L3T	T2 AL, 250 Vac	VDE
Y1 capacitor (CY1)	XIAMEN SINO FAITH ELECTRONIC TECHNOLOGY CO., LTD	HBY	1000 pF,500VAC, Y1; 125°C	VDE
(Alternative)	Dongguan City Dafu Electronics Co. Ltd.	CT7 Y1 Series	1000 pF,500VAC, Y1; 125°C	VDE
(Alternative)	DONGGUAN JYHWEI ELECTRONICS CO., LTD	JN	1000 pF,500VAC, Y1; 125°C	VDE

부품명(회로기호) Component(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
Optocoupler (U4)	EVERLIGHT ELECTRONICS CO LTD	EL101(0;1;2;3;4;5;6;7;8;9) V	Cr.&Cl.= min. 8.1 mm Dti=min. > 0.4 mm min. 110 °C	VDE
(Alternative)	Shenzhen Orient Components Co. Ltd.	OR-10XX	Cr.&Cl.= min. 8.0 mm Dti=min. > 0.4 mm min. 110 °C	VDE
(Alternative)	Lite-On Technology Corporation	LTV-10xx	Cr.&Cl.= min. 8.0 mm Dti=min. > 0.4 mm min. 115 °C	VDE
(Alternative)	CT Micro International Corporation	CT101(X1)(X2)	Cr.&Cl.= min. 8.0 mm Dti=min. > 0.4 mm min. 110 °C	VDE
Transformer (T1)	Foshan Xiuhong Electronic Technology Co., Ltd	EE1310-193 XH	Class F	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.

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)
E08T227-FBK	It is identical with basic model except for model designation and color
E08T227-FBL	It is identical with basic model except for model designation and color
E08T227-CH	It is identical with basic model except for model designation and color
E08T227-SG	It is identical with basic model except for model designation and color
E08T227-CG	It is identical with basic model except for model designation and color
E08T227	It is identical with basic model except for model designation and color
E02T227-FW	It is identical with basic model except for model designation, panel frame and size
E02T227-FBK	It is identical with basic model except for model designation, panel frame, size and color
E02T227-FBL	It is identical with basic model except for model designation, panel frame, size and color
E02T227-CH	It is identical with basic model except for model designation, panel frame, size and color
E02T227-SG	It is identical with basic model except for model designation, panel frame, size and color
E02T227-CG	It is identical with basic model except for model designation, panel frame, size and color
E02T227	It is identical with basic model except for model designation, panel frame, size and color
E03T227-FW	It is identical with basic model except for model designation, panel frame and size
E03T227-FBK	It is identical with basic model except for model designation, panel frame, size and color
E03T227-FBL	It is identical with basic model except for model designation, panel frame, size and color
E03T227-CH	It is identical with basic model except for model designation, panel frame, size and color
E03T227-SG	It is identical with basic model except for model designation, panel frame, size and color
E03T227-CG	It is identical with basic model except for model designation, panel frame, size and color
E03T227	It is identical with basic model except for model designation, panel frame, size and color
E07T227-FW	It is identical with basic model except for model designation, panel frame and size
E07T227-FBK	It is identical with basic model except for model designation, panel frame, size and color
E07T227-FBL	It is identical with basic model except for model designation, panel frame, size and color
E07T227-CH	It is identical with basic model except for model designation, panel frame, size and color

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
E07T227-SG	It is identical with basic model except for model designation, panel frame, size and color
E07T227-CG	It is identical with basic model except for model designation, panel frame, size and color
E07T227	It is identical with basic model except for model designation, panel frame, size and color

제품특기사항 및 시험조건
Remarks & Test conditions

1. MoU NCB Review Report based on: (26-031401-01-2)
   - CB Certificate Ref. No.: JPTUV-185527, M1 (TÜV Rheinland Japan Ltd.)
   - CB Test Report No.: CN26MXE3 001, 002 (TÜV Rheinland/CCIC(Ningbo) Co., Ltd)

2. Product Description:
   - Insulation Class: Class II
   - Protection against Ingress of water: IPX0 / IP20 (after installation)
   - Mass of Equipment: < 1.0 kg

□ 본 제품의 검토내용에 관하여 의문사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
검토 담당자 / 연락처 : 인증사업본부 인증융합센터 김 관중 / 055-791-3302
□ *If you have any question on product review, please contact the person below :*
Job holder: Certification Business Division, Certification Convergence Center, K.J. Kim / +82 2 860-1372

FP511-05-01

□ 첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
Not applicable

FP511-06-01

☐ 첨부 : 제품사진
Photographs







