

접수번호 : 24-017345-01-1
(Receipt No.)



안전확인신고 증명서

Confirmation Letter of Declaration

신고번호 : ZU10133-23002A
(Application No.)

신고회사명 : Zhongshan Artesyn Technologies Co.,Ltd.
(Applicant)

주소 : No.62, Qi Guan Road West, Shiqi District, Zhongshan City,
(Address) Guangdong, People's Republic of China 528400

제품명 : 컴퓨터용 전원공급장치(Switching power supply)
(Product)

기본모델명 : CSU3200ET-3
(Basic Model)

파생모델명 : Not Applicable
(Series Model)

정격/안전기준상의 모델구분 : AC Input: 100-120Vac, 50/60Hz, 16A DC Output: +12.2V, 106.6A Max., +12Vsb, 3.5A Max Total output power not to exceed 1300W. Or AC Input: 200- 220Vac, 50/60Hz, 16A DC Output: +12.2V, 246A Max., +12Vsb, 3.5A Max Total output power not to exceed 3000W. Or AC Input: 220-240Vac, 50/60Hz, 16A DC Output: +12.2V, 262.3A Max., +12Vsb, 3.5A Max Total output power not to exceed 3200W. Or DC Input: 240Vdc, 16A DC Output: +12.2V, 262.3A Max., +12Vsb, 3.5A Max Total output power not to exceed 3200W.
(Rating)

안전기준 : KC62368-1(2021-08)
(Standard)

본 확인신고는 제조국명 : 중국

제조업자명 : Zhongshan Artesyn Technologies Co.,Ltd.

제조공장의 주소 : No.62, Qi Guan Road West, Shiqi District, Zhongshan City, Guangdong, People's Republic of China 528400

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.

한국산업기술시험원장 2024년 03월 20일
KOREA TESTING LABORATORY month day

* 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.

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| 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	GI Steel See Enclosure ID 07-05 for dimension details.	Tested with appliance
AC Inlet	Inalways	0722	Rated 16 A, 250 V min. 70 °C	TUV
Fuse F100	Littelfuse Inc	505 Series	F 20 A, Min. 500 Vac/ 500 Vdc	TUV, UL
(Alternative)	CONQUER ELECTRONICS CO LTD	ABF-A	F 20 A, Min. 500 Vac/ 500 Vdc	UL, Tested with appliance
(Alternative)	SUZHOU WALTER ELECTRONIC CO LTD	MHP	F 20 A, Min. 500 Vac/ 500 Vdc	UL, Tested with appliance
Bleeder resistor (R105 to R112, R115 to R122, R1017 to R1020)	Interchangeable	Interchangeable	Max. 301 K Ω , Min. 0.125 W	Tested with appliance
Y capacitor (C101, C102, C104, C105)	Kemet Electronics Italia Srl	F881 Series	Max. 2.7 nF, Min. 300 Vac, min. 105 °C Marked with Y2	VDE
(Alternative)	Vishay Electronica Portugal	338 6, 336 6, F1710.	Max. 2.7 nF, Min. 300 Vac, min. 105 °C Marked with Y2	VDE
(Alternative)	Xiamen Faratronic Co Ltd	MKP63 Series	Max. 2.7 nF, Min. 300 Vac, min. 105 °C, Marked with Y2	VDE
Y capacitor (CAP8, CAP32) (Mounted on AC Inlet)	Walsin Technology Corp	AC Series	Max. 220 pF, Min. 300 Vac, Min. 125 °C Marked with Y2	VDE
(Alternative)	TDK Corporation	CS Series	Max. 220 pF, Min. 300 Vac, Min. 125 °C Marked with Y2	VDE
X capacitor (C103)	Xiamen Faratronic Co. Ltd	MKP62 Series	Max. 1.5 uF, Min. 305 Vac, Min. 110 °C Marked with X2	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	TDK (Zhuhai FTZ) Co., Ltd.	B3292 Series	Max. 1.5 uF, Min. 305 Vac, Min. 110 °C Marked with X2	VDE
(Alternative)	Hua Jung Components Co Ltd	MKP Series	Max. 1.5 uF, Min. 305 Vac, Min. 110 °C Marked with X2	VDE
X capacitor (C106)	Carli Electronics Co Ltd	MPX	Max. 1 uF, Min. 305 Vac, Min.450 Vdc, Min. 110 °C Marked with X2	VDE
X capacitor (CAP7) (Mounted on AC Inlet)	Hua Jung Components Co Ltd	MKP Series	Max. 100 nF, Min. 305 Vac, Min. 110 °C Marked with X2	VDE
Varistor (MOV101)	Walsin Technology Corp.	SR471 Series	Min. 300 V, V-0 coating	VDE
(Alternative)	Thinking Electronic Industrial Co Ltd	TVR14471 Series	Min. 300 V, V-0 coating	VDE
Common Mode Choke (L100, L101)	Astec/Artesyn	801-008614- XXXX(Where X is blank or any number that do not affect safety)	130 °C	Tested with appliance
D-Choke (L102, L112)	Astec/Artesyn	801-008969- XXXX(Where X is blank or any number that do not affect safety)	130 °C	Tested with appliance
Power Transformer (T100, T110)	Astec/Artesyn	801-008657	Provided Class F	Tested with appliance
Aux Planar Transformer ASSY103- ASYD01	Artesyn	764-005184	Planar Type 130 °C	Tested with appliance
Opto-coupler (U107, U307, U308, U309)	Everlight Electronics Co Ltd	EL101X Series (Where X can be any number)	Min. 5000 Vac isolation voltage	VDE
(Alternative)	Lite-on Technology Corporation	LTV-100X Series (Where X can be any number)	Min. 5000 Vac isolation voltage	VDE

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	CT Microelectronics Far East Ltd	CT101X Series (Where X can be any number)	Min. 5000 Vac isolation voltage	VDE
Relay (K100)	Dongguan Churod Electronics Co Ltd	A16 Series	Coil rated: 12 Vdc, 16 A	UL
(Alternative)	Xiamen Hongfa Electroacoustic Co Ltd	HF32FV Series	Coil rated: 12 Vdc, 16 A	UL
(Alternative)	Interchangeable	Interchangeable	Coil rated: 12 Vdc, min. 16 A	UL
Fan	Sunonwealth Electric Machine Industry Co. Ltd.	XG40281BX Series	DC12 V, 2.25 A	UL, TUV
(Alternative)	Asia Vital Components Co Ltd	DBPU0428B2U Series	DC12 V, 3.5 A	UL, TUV
IC (U201, U202)	Texas Instruments Incorporated	UCC21540 Series	Min. 5700 Vac isolation voltage	UL, VDE
(Alternative)	Infineon Technologies AG	2EDS8165H	Min. 5700 Vac isolation voltage	UL, VDE
(Alternative)	Interchangeable	Interchangeable	Min. 5700 Vac isolation voltage	UL, VDE
PCB -for all PCBs	Interchangeable	Interchangeable	UL 94 V-0, 130 °C	UL

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	
<p>1. Review Report No.: 23-033638-01-2</p> <p>2. Product Description</p> <ul style="list-style-type: none"> - Class of equipment: Class I - Protection against ingress of water: IPX0 - Mass of equipment (kg): Approximate 1.7 kg - Rating: <ul style="list-style-type: none"> AC Input: 100-120Vac, 50/60Hz, 16A DC Output: +12.2V, 106.6A Max., +12Vsb, 3.5A Max Total output power not to exceed 1300W. Or AC Input: 200- 220Vac, 50/60Hz, 16A DC Output: +12.2V, 246A Max., +12Vsb, 3.5A Max Total output power not to exceed 3000W. Or AC Input: 220- 240Vac, 50/60Hz, 16A DC Output: +12.2V, 262.3A Max., +12Vsb, 3.5A Max Total output power not to exceed 3200W. Or DC Input: 240Vdc, 16A DC Output: +12.2V, 262.3A Max., +12Vsb, 3.5A Max Total output power not to exceed 3200W. 	
<p><input type="checkbox"/> 본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다. 시험 담당자 / 연락처 : 디지털산업본부 전기전자기술센터 조 인철 / (02)860-1425</p> <p><input type="checkbox"/> <i>If you have any question on product testing, please contact the person below :</i> Job holder : S.M.A.R.T. Industry Division, Electrical and Electronic Technology Center, INCHUL CHO/ +82 2 8601-425</p>	

FP511-05

첨부 3 : 안전확인신고 내용의 변경 현황
Revisions Status

변경발급 내용 Contents of Certificate Revisions
1 st Rev.) Addition of critical components (24-017345-01-1 : 2024.03.20.) - Fuse [CONQUER / ABF-A], [SUZHOU WALTER / MHP]

FP511-06