



전기용품안전인증서 Electrical Appliances Safety Certificate

안전인증번호: HU10419-9002A
(Certificate No.)
 제조업자명: Fuyuan Electronic Co., Ltd.
(Manufacturer)
 대표자명: Shao Cheng Huang
(President)
 제조공장의소재지: Xiewu village, Hengshan, Shipai town, Dongguan, Guangdong, China
(Factory Address)
 제품명: 직류전원장치 (AC/DC Adapter)
(Product)
 기본모델명: FY1906000
(Basic Model)
 정격: 100-240 V~, 50/60 Hz, 2.5 A (O/P : 19 Vdc / 6 A)
(Rating)
 파생모델명 (Series Model):
 FY1706000 FY1705000
 FY1704000 FY1703000
 FY1702000 FY1701000
 FY1700500 FY1904750
 FY1904000 FY1903150
 FY1603750 FY15006000
 FY15005000 FY15004000
 FY15003000 FY15002000
 FY15001000 FY1500500
 FY1267500 이면기재

적용기준: K 60950-1
(Standard) K00022 K00024

「전기용품안전 관리법 시행규칙」 제6조 제2항에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.

We Issue Electrical Appliances Safety Certification as adobe product by Article 6 Section 2 of the Electrical Appliances Safety Control Law Enforcement Regulation.



2009 년 7 월 3 일
(Year) (Month) (Day)

한국전기전자시험연구원
Korea Electric Testing Institute



※ 본 인증서는 「전기용품안전 관리법」에 따른 전기제품 안전성확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가적으로 인증·허가 등을 받아야 합니다.

- 첨부서류 1. 안전관리부품 및 재질목록 (List of Critical Components)
 2. 기본모델·파생모델의 내용 (General Descriptions of Certified Products)
 3. 전기용품안전인증의 변경현황 (Status of Certificate Revisions)

FY1266000
FY1264000
FY1262000
FY1260500
FY1207000
FY1205000
FY1203000
FY1201500
FY1200900
FY1200700
FY1200500
FY0906000
FY0904000
FY0902000
FY0901000
FY0856000
FY0854000
FY0852000
FY0851000

FY1265000
FY1263000
FY1261000
FY1207500
FY1206000
FY1204000
FY1202000
FY1201000
FY1200800
FY1200600
FY0907500
FY0905000
FY0903000
FY0901500
FY0900500
FY0855000
FY0853000
FY0851500
FY0850500

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1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분(Section)	내용 (Description)
용도 (Normal use)	AC/DC Adaptor (SMPS TYPE).
내부구조 (Internal construction)	Consisting of the primary and reinforced or double insulated SELV circuit.
외부구조 (External construction)	Provided with plastic enclosure having min V-1 Flammability and appliance inlet.
기타(Others)	Class I

1.2 전기용품의 표시: 전기용품안전 관리법 시행규칙 제15조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with enforcement rule Article 15 of the Electrical Appliances Safety Control Law)

1.3 등록모델 (Registered Models)

구분 (Class)	모델명 및 정격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	FY1906000 100-240 V~, 50/60 Hz, 2.5 A (O/P : 19 Vdc / 6 A)	
파생모델 (Series model)	FY0850500	Identical to basic model except for output rating.(8.5 Vdc/0.5 A)
	FY0851000	Identical to basic model except for output rating.(8.5 Vdc/1.0 A)
	FY0851500	Identical to basic model except for output rating.(8.5 Vdc/1.5 A)
	FY0852000	Identical to basic model except for output rating.(8.5 Vdc/2.0 A)
	FY0853000	Identical to basic model except for output rating.(8.5 Vdc/3.0 A)

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FY0854000	Identical to basic model except for output rating.(8.5 Vdc/4.0 A)
FY0855000	Identical to basic model except for output rating.(8.5 Vdc/5.0 A)
FY0856000	Identical to basic model except for output rating.(8.5 Vdc/6.0 A)
FY0900500	Identical to basic model except for output rating.(9 Vdc/0.5 A)
FY0901000	Identical to basic model except for output rating.(9 Vdc/1.0 A)
FY0901500	Identical to basic model except for output rating.(9 Vdc/1.5 A)
FY0902000	Identical to basic model except for output rating.(9 Vdc/2.0 A)
FY0903000	Identical to basic model except for output rating.(9 Vdc/3.0 A)
FY0904000	Identical to basic model except for output rating.(9 Vdc/4.0 A)
FY0905000	Identical to basic model except for output rating.(9 Vdc/5.0 A)
FY0906000	Identical to basic model except for output rating.(9 Vdc/6.0 A)
FY0907500	Identical to basic model except for output rating.(9 Vdc/7.5 A)
FY1200500	Identical to basic model except for output rating.(12 Vdc/0.5 A)
FY1200600	Identical to basic model except for output rating.(12 Vdc/0.6 A)
FY1200700	Identical to basic model except for output rating.(12 Vdc/0.7 A)
FY1200800	Identical to basic model except for output rating.(12 Vdc/0.8 A)

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FY1200900	Identical to basic model except for output rating.(12 Vdc/0.9 A)
FY1201000	Identical to basic model except for output rating.(12 Vdc/1.0 A)
FY1201500	Identical to basic model except for output rating.(12 Vdc/1.5 A)
FY1202000	Identical to basic model except for output rating.(12 Vdc/2.0 A)
FY1203000	Identical to basic model except for output rating.(12 Vdc/3.0 A)
FY1204000	Identical to basic model except for output rating.(12 Vdc/4.0 A)
FY1205000	Identical to basic model except for output rating.(12 Vdc/5.0 A)
FY1206000	Identical to basic model except for output rating.(12 Vdc/6.0 A)
FY1207000	Identical to basic model except for output rating.(12 Vdc/7.0 A)
FY1207500	Identical to basic model except for output rating.(12 Vdc/7.5 A)
FY1260500	Identical to basic model except for output rating.(12.6 Vdc/0.5 A)
FY1261000	Identical to basic model except for output rating.(12.6 Vdc/1.0 A)

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FY1262000	Identical to basic model except for output rating.(12.6 Vdc/2.0 A)
FY1263000	Identical to basic model except for output rating.(12.6 Vdc/3.0 A)
FY1264000	Identical to basic model except for output rating.(12.6 Vdc/4.0 A)
FY1265000	Identical to basic model except for output rating.(12.6 Vdc/5.0 A)
FY1266000	Identical to basic model except for output rating.(12.6 Vdc/6.0 A)
FY1267500	Identical to basic model except for output rating.(12.6 Vdc/7.5 A)
FY1500500	Identical to basic model except for output rating.(15 Vdc/0.5 A)
FY15001000	Identical to basic model except for output rating.(15 Vdc/1.0 A)
FY15002000	Identical to basic model except for output rating.(15 Vdc/2.0 A)
FY15003000	Identical to basic model except for output rating.(15 Vdc/3.0 A)
FY15004000	Identical to basic model except for output rating.(15 Vdc/4.0 A)
FY15005000	Identical to basic model except for output rating.(15 Vdc/5.0 A)



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FY15006000	Identical to basic model except for output rating.(15 Vdc/6.0 A)
FY1603750	Identical to basic model except for output rating.(16 Vdc/3.75 A)
FY1903150	Identical to basic model except for output rating.(19 Vdc/3.15 A)
FY1904000	Identical to basic model except for output rating.(19 Vdc/4.0 A)
FY1904750	Identical to basic model except for output rating.(19 Vdc/4.75 A)
FY1700500	Identical to basic model except for output rating.(17 Vdc/0.5 A)
FY1701000	Identical to basic model except for output rating.(17 Vdc/1.0 A)
FY1702000	Identical to basic model except for output rating.(17 Vdc/2.0 A)
FY1703000	Identical to basic model except for output rating.(17 Vdc/3.0 A)
FY1704000	Identical to basic model except for output rating.(17 Vdc/4.0 A)
FY1705000	Identical to basic model except for output rating.(17 Vdc/5.0 A)
FY1706000	Identical to basic model except for output rating.(17 Vdc/6.0 A)



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2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
PCB	-	Rated: V-0, 130℃	Ching Kung	UL
Inlet	-	Type: ST-A01, AC250V, 10A	Zhe Jiang Bei Er Jia Electronic Co., Ltd.	KC
Enclosure	-	Type: 920(f1)/923(f1), V-0, Thikness 1.5mm	GE PLASTICS CHINA	UL
Enclosure	-(alt)	Type: LN-1250G(#)(f1)(*), V-0, Thikness 1.5mm	TEIJIN CHEMICALS	UL
X-Capacitor	C1	Type: MPX, 0.47 μ F, 275V~, X2	Sinhua	KC
Ripple capacitor	C2	Rated: 150 μ F, 400V, 105℃	Various	-
Y-Capacitor	C27	Type: JY, 470pF, 250V, Y2	Jyh Chung Electronic	KC
Y-Capacitor	C27 (alt)	Type: JA, 470pF, 250V, Y2	Tai Shan City Juhong	IEC CB REPORT
X-Capacitor	C3	Type: MPX, 0.22 μ F, 275V~, X2	Carli	KC
X-Capacitor	C3 (alt)	Type: MPX, 0.22 μ F, 275V~, X2	Sinhua	KC
X-Capacitor	C3 (alt)	Type: MPX, 0.22 μ F, 275V~, X2	Tenta	KC
Y-Capacitor	C9	Type: JD, 2200pF, 400V, Y1	Jyh Chung Electronic	KC
Fuse	CF1	Type: 314 250V 3A, T3AL, 250V	Littelfuse	KC
Diode	D1-D4	Rated: 3A, 800V	Various	-
Optocoupler	IC2	Type: K1010, KPC817	Cosmo	VDE
Optocoupler	IC2 (alt)	Type: BPC 817x	Bright Led	VDE

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부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
Optocoupler	IC2 (alt)	Type: EL817	Everlight	VDE
Line Filter	L1	Rated: 130℃	Fuyuan Electronic	-
Transformer	RT1	Type: FY1906000PT, Class B	Fuyuan Electronic	-



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3. 전기용품안전인증의 변경현황 (Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
2009/07/03	기본+파생모델등록(Basic + Series Model)

4. 기타 (Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 전기적인 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청을 하여야 합니다. 안전인증변경신청을 하지 않고 제조자가 임의로 변경하는 경우에는 전기용품안전 관리법 제8조제1항제2호에 의거 안전인증이 취소될 수 있습니다.

(Certificate holder should apply for the revision of certificate issued from Issuing Certification Body if registered critical components would be changed, modified or alternated. Should the contents of Certificate are altered without Safety Certification Modification Application by Certificate holder, Safety Certification(KC Mark) may be withdrawn under Section 2, Paragraph 1, Article 8 of the Electrical Appliances Safety Control Law)

- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품안전 관리법 제8조제1항제4호에 의거 안전인증이 취소될 수 있습니다.

(If Annual Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn under Section 4, Paragraph 1, Article 8 of the Electrical Appliances Safety Control Law)

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경 등 전기용품 안전인증서의 내용이 변경되었을 때 제조자가 안전인증변경신청을 하지 않을 경우에는 전기용품안전 관리법 제8조제1항제3호에 의거 안전인증이 중지 또는 취소될 수 있습니다.

(If Safety Certification Modification Application by Certificate holder should not has been made to Issuing Certification Body, when Factory Address, including telephone/facsimile no., Manufacturer Name, Registered Critical Components, etc would be changed, Safety Certification(KC Mark) may be suspended or withdrawn under Section 3, Paragraph 1, Article 8 of the Electrical Appliances Safety Control Law)

- 4) 조건부 인증사항 (Conditional certification items):

