



접수번호 : 20140221 - 0021

전기용품 안전 인증서 Electrical Appliances Safety Certificate

안전인증번호: HU10499-14017A
(Certificate No.)

제조업자명: GlobTek (Suzhou) Co., Ltd.
(Manufacturer)

대표자명: David Micheal Rakovsky
(President)

제조공장의소재지: Building 4, #76, Jin Ling East Rd., Suzhou Park, Suzhou, Jiangsu
(Factory Address) 215021, P.R.China

제품명: 직류전원장치 (AC/DC Adapter)
(Product)

기본모델명: GT-41130-2024-T3A
(Basic Model)

정격: 100-240 V~, 50-60 Hz, 0.8 A (O/P: 24 Vdc / 1.0 A)
(Rating)

파생모델명 (Series Model):

GT-41130-2024-8.0-T3	GT-41130-2024-8.0-T3A
GT-41130-2024-9.0-T3	GT-41130-2024-9.0-T3A
GT-41130-2024-T3	

적용기준: K 60950-1(2.0)(2011-12)
(Standard)

「전기용품안전 관리법 시행규칙」 제6조제2항에 따라 위의 전기용품에 대하여 안전인증서를 발급합니다.
We issue this Electrical Appliances Safety Certificate for the above electrical appliance in accordance with the Article 6(2) of the Enforcement Rule of the Electrical Appliances Safety Control Act.



2014 년 3 월 26 일
(Year) (Month) (Day)

한국기계전기전자시험연구원 Korea Testing Certification



※ 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)

안전인증시의 조건 : 동 제품의 생산 시 자체검사를 실시하고 안전인증 시 등록된 부품누락 및 임의 변경하지 말 것.
Conditions of Safety Certification : In the production of this product, conduct a self-test and do not miss and change the registered components.

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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)	The apparatus designed to be used for converting AC main voltage to DC low voltage.
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)	GT-41130-2024-T3A	100-240 V~, 50-60 Hz, 0.8 A (O/P: 24 Vdc / 1.0 A)	
파생모델 (Series model)	GT-41130-2024-9.0-T3A		Output rating(15 Vdc, 1.6 A) and model designation.
	GT-41130-2024-8.0-T3A		Output rating(16 Vdc, 1.5 A) and model designation.
	GT-41130-2024-9.0-T3		Output rating(15 Vdc, 1.6 A) and model designation.
	GT-41130-2024-8.0-T3		Output rating(16 Vdc, 1.5 A) and model designation.
	GT-41130-2024-T3		Output rating(24 Vdc, 1.0 A) and model designation.



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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)
Bridge Diode	(D1, D2, D3, D4)	Type : Various, Min 1A, min 600V	Various	-
Enclosure	(alt.)	Type : PA-765A, PC-540, Min 2.0mm thick, flame class V-0	ChiMei	UL
Enclosure	(alt.)	Type : SE100, SE100X, SE1, SE1X, HF500R, CX7211, C2950, EXCY0098, Min 2.0mm thick, flame class V-1	Sabic	UL
PCB	-	Type : Various, Min. V-1 130 °C	Various	UL
Enclosure	-	Type : LN-1250G, LN-1250P, Min 2.0mm thick, flame class V-0	Teijin Chemicals	UL
Bulk Capacitor	C1, C2	Type : Various, Max 22 μ F Min 400V 105 °C	Various	-
Appliance Inlet	C14(for T3)	Type : S-03, 10A, 250V	Sun Fair	IEC VDE
Appliance Inlet	C14(for T3) (alt.)	Type : 0711, 10A, 250V	Inalways	IEC VDE
Appliance Inlet	C14(for T3) (alt.)	Type : TU-301-SP, 10A, 250V	Tecx-unions	IEC VDE
Appliance Inlet	C14(for T3) (alt.)	Type : R-301SN, 10A, 250V	RICH BAY	IEC VDE
Appliance Inlet	C14(for T3) (alt.)	Type : CDJ-3, 10A, 250V	DLK	IEC VDE
Appliance Inlet	C14(for T3) (alt.)	Type : DB-14, 10A, 250V	Leci	IEC VDE
Appliance Inlet	C6(for T3A)	Type : TU-333, 2.5A, 250V	Tecx-unions	IEC VDE
Appliance Inlet	C6(for T3A) (alt.)	Type : 0724, 2.5A, 250V	Inalways	IEC VDE
Appliance Inlet	C6(for T3A) (alt.)	Type : DB-6, 2.5A, 250V	Leci	IEC VDE
Appliance Inlet	C6(for T3A) (alt.)	Type : S-02, 2.5A, 250V	Sun Fair	IEC VDE



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부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
Appliance Inlet	C6(for T3A) (alt.)	Type : R-30790, 2.5A, 250V	RICH BAY	IEC VDE
Appliance Inlet	C6(for T3A) (alt.)	Type : CDJ-2, 2.5A, 250V	DLK	IEC VDE
Bridge Capacitor	CY1	Type : CD, 1000 pF, Min 250Vac, 125 °C, Y1	TDK	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : AH, 1000 pF, Min 250Vac, 125 °C, Y1	Walsin	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : CT7, 1000 pF, Min 250Vac, 125 °C, Y1	HAOHUA	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : JN, 1000 pF, Min 250Vac, 125 °C, Y1	Jya-Nay	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : SB, SE, 1000 pF, Min 250Vac, 125 °C, Y1	Success	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : WD, 1000 pF, Min 250Vac, 125 °C, Y1	Welson	IEC VDE
Bridge Capacitor	CY1(alt.)	Type : KX, 1000 pF, Min 250Vac, 125 °C, Y1	Murata	IEC VDE
Fuse	FS1	Type : ICP, T1A, 250V	Walter	IEC VDE
Fuse	FS1(alt.)	Type : 2010, T1A, 250V	Ever Island	IEC VDE
Fuse	FS1(alt.)	Type : 385T, T1A, 250V	Das & Sons	IEC VDE
Fuse	FS1(alt.)	Type : RTI-10, T1A, 250V	Zhongshan Lanbao Electrical	IEC VDE
Fuse	FS1(alt.)	Type : SS-5, T1A, 250V	Cooper Bussmann	IEC VDE
Fuse	FS1(alt.)	Type : SS-5, T1A, 250V	Save Fusetech	IEC VDE
Fuse	FS1(alt.)	Type : SMT, T1A, 250V	Lanson	IEC UL
Fuse	FS1(alt.)	Type : RST, T1A, 250V	Bel	IEC VDE
Fuse	FS1(alt.)	Type : MST MET, T1A, 250V	Conquer	IEC VDE



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Fuse	FS1(alt.)	Type : CFD, T1A, 250V	Sunny East	IEC VDE
Bobbin	For LF1	Type : PM-9820, PM-9830, Phenolic, 150°C, V-0	Sumitomo	UL
Bobbin	For LF1(alt.)	Type : T375J, Phenolic, 150 °C, V-0	Changchun Plastics	UL
T.I.W	For T1	Type : TRW-B, Min. 130 °C	Great Leoflon	VDE
Insulation Tape	For T1	Type : 1350F-1, 1350T-1, 130 °C	3M	UL
Bobbin	For T1	Type : PM-9820, PM-9830, Phenolic, 150 °C	Sumitomo	UL
T.I.W	For T1(alt.)	Type : TEX-E, Min. 130 °C	Furukawa	VDE
T.I.W	For T1(alt.)	Type : TIW-E, Min. 130 °C	Totoku	VDE
T.I.W	For T1(alt.)	Type : TIW-M, Min. 130 °C	Cosmolink	VDE
Insulation Tape	For T1(alt.)	Type : 35660, 130 °C	JINGJIANGJIN	UL
Insulation Tape	For T1(alt.)	Type : PZ CT, 130 °C	SYMBIO INC	UL
Insulation Tape	For T1(alt.)	Type : LY-20, 130 °C	Liang Yi	UL
Insulation Tape	For T1(alt.)	Type : JY25-A, 130 °C	GYI	UL
Insulation Tape	For T1(alt.)	Type : 370S, 130 °C	YAHUA	UL
Insulation Tape	For T1(alt.)	Type : 44, 130 °C	Bondtec Pacific	UL
Bobbin	For T1(alt.)	Type : CP-J-8800, Phenolic, 150 °C	Hitachi	UL
Bobbin	For T1(alt.)	Type : T375J, T373J, Phenolic, 150 °C	Changchun Plastics	UL
Line Filter	LF1(Option)	Type : NF00030, 130 °C Min.9 mH	ENG/Globtek/BOAM/H-	



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부품명 (Components)	번호 (Part No)	특성 (Technical Data)	제조사 (Manufacturer)	인증규격 (Certification)
Varistor	MOV1(Optic	Type : TVR10471K, TVR14471K, Min.300Vac	TKS	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : 10D471K, 14D471K, Min.300Vac	Centra	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : VZ14D471K, Min.300Vac	Walsin	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : SVR10D471K, SVR14D471K, Min.300Vac	Success Electronics Co Ltd	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : 10N471K, 14N471K, Min.300Vac	JOYIN	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : 14D471K, 10D471K, Min.300Vac	Brightking	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : 14D471K, Min.300Vac	Lien Shun Electronics Co., Ltd.	IEC VDE
Varistor	MOV1(Optic (alt.)	Type : GNR10D471K, GNR14D471K, Min.300Vac	CERAMATE	IEC VDE
Wire	Output	Type : Various, Min.300V, VW-1, 22AWG, 80 °C	Various	UL
MOS-FET	Q1	Type : Various, Min 2.5A, min 600V	Various	-
Transformer	T1	Type : XF00599(15-24 V), Class B	ENG/GlobTek/Boam/Z	-
Optocoupler	U1	Type : PC817, PC817U, PC123, PC1231, Min. 100 °C	Sharp	VDE
Optocoupler	U1(alt.)	Type : BPC-817, BPC-817M, BPC-817S, Min. 100 °C	Bright	VDE
Optocoupler	U1(alt.)	Type : EL817, Min. 100 °C	Everlight	VDE
Optocoupler	U1(alt.)	Type : H11A817B, Min. 100 °C	Fairchild	VDE
Optocoupler	U1(alt.)	Type : K1010, KP1010, Min. 100 °C	Cosmo	VDE
Optocoupler	U1(alt.)	Type : LTV-817, LTV-817M, LTV-817S, Min. 100 °C	Liteon	VDE
Optocoupler	U1(alt.)	Type : TLP721, Min. 100 °C	Toshiba	VDE



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3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2014/03/26	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):

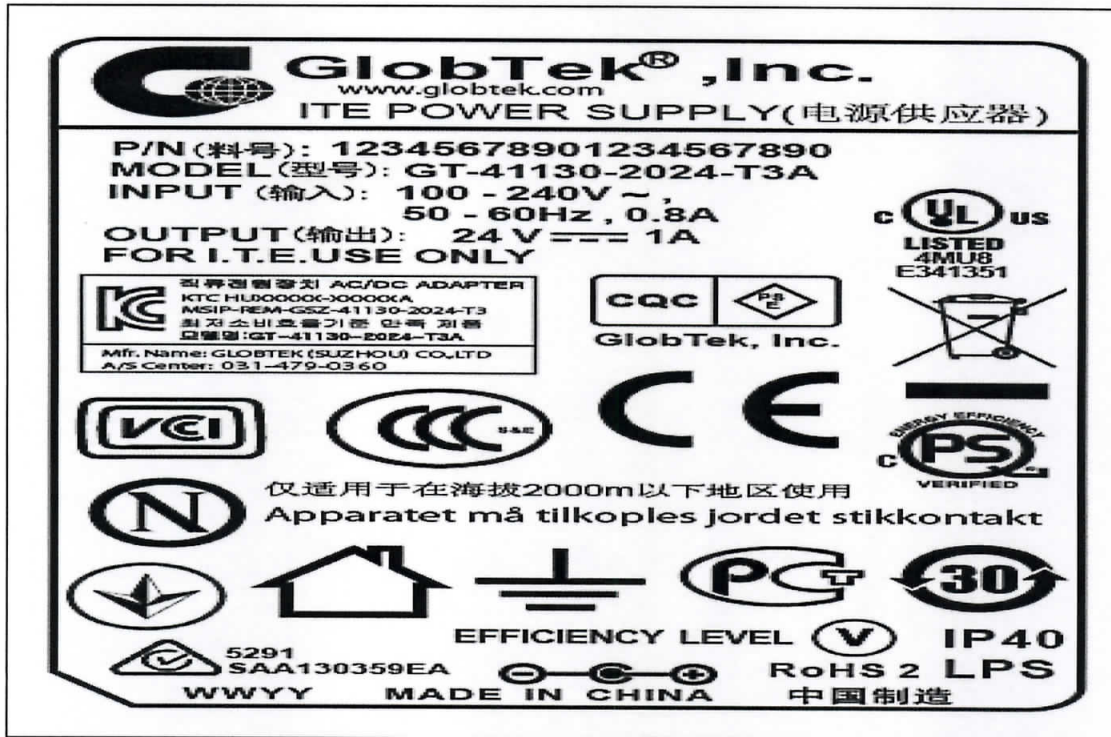


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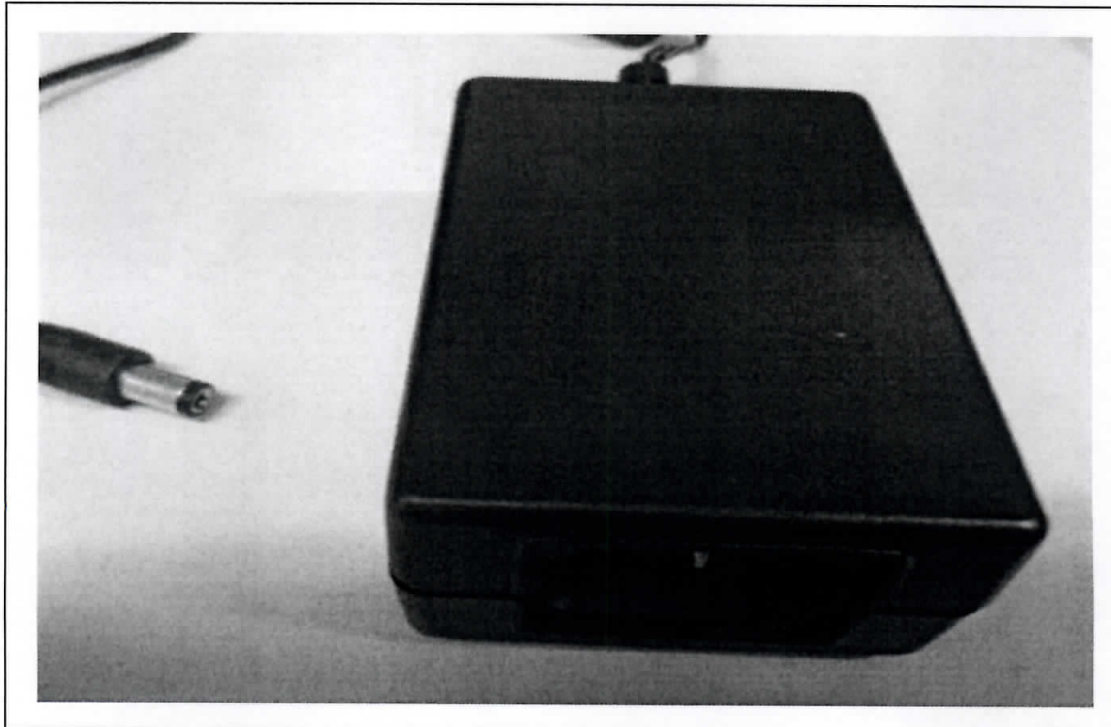
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No.1 표시사항



No.2 전면

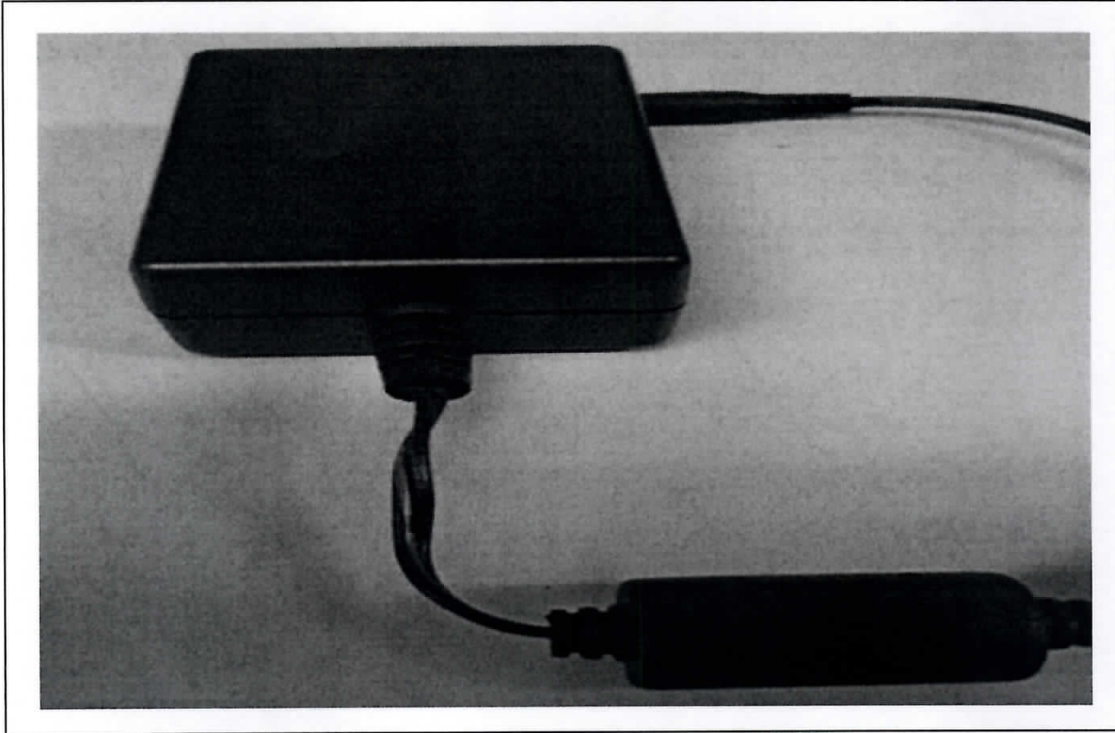


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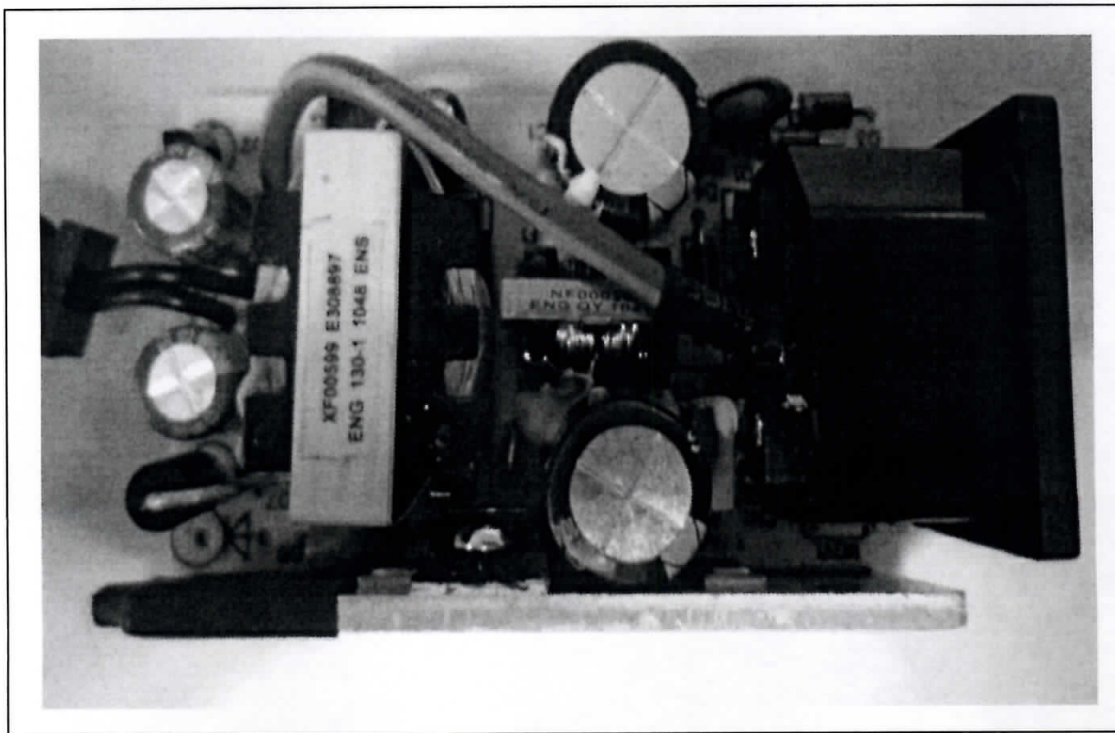
안전인증번호: HU10499-14017A

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No.3 후면



No.4 내부1



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No.5 내부2

