



# 안전인증서 Safety Certificate

안전인증번호 : HU10505-22012A  
(Application No.)

제조업자/수입업자명 : Shenzhen Flypower Technology Co., Ltd.  
(Manufacturer/importer)

주 소 : A2nd Building, Haoshan Linpokeng 2nd Industry Zone, Nanpu Road, Shajing Town, Baoan  
(Address) District, Shenzhen City, Guangdong, China

제 품 명 : 직류전원장치  
(Product)

기본모델명 : PS36A240Y1500H  
(Basic Model)

파생모델명 (Series Model) :  
PS36A180Y1000H, PS36A180Y1200H, PS36A180Y1250H, [이면기재]

정격/안전기준상의 모델구분 : 100-240 V~, 50/60 Hz, 1.0 A Output: 24.0 Vdc, 1.5 A, 36 W  
(Rating)

시험기준 : KC 62368-1(2021-08)  
(Standard)

본 인증서는

제 조 국 명 : 중국

제조업자명 : Shenzhen Flypower Technology Co., Ltd.

제조공장의 주소 : A2nd Building, Haoshan Linpokeng 2nd Industry Zone, Nanpu Road,  
Shajing Town, Baoan District, Shenzhen City, 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 Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2022 년 10 월 18 일  
(Year) (Month) (Day)

한국기계전기전자시험연구원  
Korea Testing Certification Institute



※ 이 인증서는 「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.

첨부서류	<ol style="list-style-type: none"> <li>1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components)</li> <li>2. 기본모델·파생모델의 내용(Description of the basic and series model)</li> <li>3. 안전인증의 변경 현황(Revisions Status)</li> </ol>
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## 안전인증을 받은 자의 유의 사항 Notification for Recipients

- 본 증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다.  
(This certificate is valid only when the product meets the safety standards and is produced from the manufacturing factory that states on this certificate.)
- 안전인증 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다.  
(Cessation or cancellation of the certification may occur if the actual meaning of the Safety Certification Mark is misled to the public by false advertisement on a catalog of the product.)
- 다음과 같은 사유가 발생할 경우에는 안전인증기관에 안전인증 변경 신청을 하여 안전인증서를 재교부 받아야 합니다.  
(In case of the following events, the Safety Certificate shall be reapplied and reissued for revision)
  - 제조사, 대표자, 주소 등 인증서 기재내용의 변경  
(Revisions in contents of the certificate such as manufacturer representative, address and etc.)
  - 파생모델의 추가, 변경 또는 삭제 (Additions, changes, or removals of series model)
  - 안전관리 부품의 변경 또는 추가  
(Additions or changes in components which are listed on the certificate)
- 안전인증을 받은 자는 다음 사항을 이행하여야 합니다.  
(Recipients of the Safety Certificate shall comply with the followings.)
  - 안전인증 표시 등 인증요건의 유지관리  
(Maintaining and preserving the Mark and other certification requirements)
    - \* 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전인증 표시를 하면 법에 의거 처벌을 받게 됩니다.  
(It will be punished by the law if the certification mark is used before the issue (or after suspension or cancellation) of the certification.)
  - 자체 검사의 실시 및 그 기록관리 (Self-testing and record keeping)
    - \* 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의.  
(Recipients of the Safety Certificate shall conduct products inspection strictly for products to comply with the safety standards)
- 안전인증을 받을자는 전기용품 및 생활용품 안전관리법 제 7조에 따라 2년에 1회 정기검사를 실시하여야 한다.  
(Recipients of the Safety Certificate shall require to inspect once in two years according to the Article 7 section of the the Electrical Appliances and Consumer Products Safety Control Act.)
- 인증서(증명서)에는 진위여부 확인을 위해 다음과 같은 사항이 적용되어 있습니다.
  - 문서관리번호 (문서관리번호 노출시 CS홈페이지를 통해 기술문서 내용이 조회 가능함으로 사본 등 제출시 노출되지 않도록 주의하시기 바랍니다.)
  - 시점확인필
  - 2D바코드

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

PS36A180Y1300H,PS36A180Y1330H,PS36A180Y1500H,PS36A180Y1660H,PS36A180Y1890H,PS36A180Y2000H,PS36A185Y1000H,PS36A185Y1200H,PS36A185Y1250H,PS36A185Y1500H,PS36A185Y1600H,PS36A185Y1800H,PS36A190Y1000H,PS36A190Y1200H,PS36A190Y1250H,PS36A190Y1500H,PS36A190Y1800H,PS36A190Y1890H,PS36A195Y1000H,PS36A195Y1200H,PS36A195Y1250H,PS36A195Y1500H,PS36A195Y1800H,PS36A200Y1000H,PS36A200Y1200H,PS36A200Y1250H,PS36A200Y1500H,PS36A200Y1800H,PS36A205Y1000H,PS36A205Y1200H,PS36A205Y1250H,PS36A205Y1400H,PS36A205Y1500H,PS36A205Y1600H,PS36A210Y1000H,PS36A210Y1200H,PS36A210Y1250H,PS36A210Y1400H,PS36A210Y1500H,PS36A210Y1600H,PS36A215Y1000H,PS36A215Y1200H,PS36A215Y1250H,PS36A215Y1300H,PS36A215Y1500H,PS36A215Y1600H,PS36A220Y1000H,PS36A220Y1200H,PS36A220Y1250H,PS36A220Y1300H,PS36A220Y1500H,PS36A225Y1000H,PS36A225Y1200H,PS36A225Y1250H,PS36A225Y1300H,PS36A225Y1500H,PS36A230Y1000H,PS36A230Y1200H,PS36A230Y1250H,PS36A230Y1300H,PS36A230Y1500H,PS36A235Y1000H,PS36A235Y1200H,PS36A235Y1250H,PS36A235Y1500H,PS36A240Y0500H,PS36A240Y0800H,PS36A240Y1000H,PS36A240Y1200H,PS36A240Y1250H



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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)

구 분 (Section)	내 용 (Description)
용도 (Normal use)	The apparatus designed to be used for converting AC main voltage to DC low voltage.
내부구조 (Internal construction)	The apparatus consists of Switching transformer, rectifying part etc.
외부구조 (External construction)	Providing with plastic enclosure having min. V-0 flammability and appliance inlet.
기타(others)	Class I.

#### 1.2 전기용품의 표시 : 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark : Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer products Safety Control Act. )

#### 1.3 등록모델 (Registered Models)

구분 (Class)	모델명 및 정격 (Model / Rating)		기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	PS36A240Y1500H	100-240 V~, 50/60 Hz, 1.0 A Output: 24.0 Vdc, 1.5 A, 36 W	
파생모델 (Variant model)	PS36A180Y1000H		Output rating (O/P: 18 Vdc, 1.0 A)
	PS36A220Y1500H		Output rating (O/P: 22 Vdc, 1.5 A)
	PS36A220Y1300H		Output rating (O/P: 22 Vdc, 1.3 A)
	PS36A220Y1250H		Output rating (O/P: 22 Vdc, 1.25 A)
	PS36A220Y1200H		Output rating (O/P: 22 Vdc, 1.2 A)
	PS36A220Y1000H		Output rating (O/P: 22 Vdc, 1.0 A)
	PS36A215Y1600H		Output rating (O/P: 21.5 Vdc, 1.6 A)

[서식 CP401-18-00]

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	PS36A215Y1500H	Output rating (O/P: 21.5 Vdc, 1.5 A)
	PS36A215Y1300H	Output rating (O/P: 21.5 Vdc, 1.3 A)
	PS36A215Y1250H	Output rating (O/P: 21.5 Vdc, 1.25 A)
	PS36A215Y1200H	Output rating (O/P: 21.5 Vdc, 1.2 A)
	PS36A215Y1000H	Output rating (O/P: 21.5 Vdc, 1.0 A)
	PS36A210Y1600H	Output rating (O/P: 21 Vdc, 1.6 A)
	PS36A210Y1500H	Output rating (O/P: 21 Vdc, 1.5 A)
	PS36A210Y1400H	Output rating (O/P: 21 Vdc, 1.4 A)
	PS36A210Y1250H	Output rating (O/P: 21 Vdc, 1.25 A)
	PS36A210Y1200H	Output rating (O/P: 21 Vdc, 1.2 A)
	PS36A225Y1000H	Output rating (O/P: 22.5 Vdc, 1.0 A)
	PS36A225Y1200H	Output rating (O/P: 22.5 Vdc, 1.2 A)
	PS36A240Y1200H	Output rating (O/P: 24 Vdc, 1.2 A)
	PS36A240Y1000H	Output rating (O/P: 24 Vdc, 1.0 A)
	PS36A240Y0800H	Output rating (O/P: 24 Vdc, 0.8 A)
	PS36A240Y0500H	Output rating (O/P: 24 Vdc, 0.5 A)
	PS36A235Y1500H	Output rating (O/P: 23.5 Vdc, 1.5 A)
	PS36A235Y1250H	Output rating (O/P: 23.5 Vdc, 1.25 A)
	PS36A235Y1200H	Output rating (O/P: 23.5 Vdc, 1.2 A)
	PS36A235Y1000H	Output rating (O/P: 23.5 Vdc, 1.0 A)

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	PS36A230Y1500H	Output rating (O/P: 23 Vdc, 1.5 A)
	PS36A230Y1300H	Output rating (O/P: 23 Vdc, 1.3 A)
	PS36A230Y1250H	Output rating (O/P: 23 Vdc, 1.25 A)
	PS36A230Y1200H	Output rating (O/P: 23 Vdc, 1.2 A)
	PS36A230Y1000H	Output rating (O/P: 23 Vdc, 1.0 A)
	PS36A225Y1500H	Output rating (O/P: 22.5 Vdc, 1.5 A)
	PS36A225Y1300H	Output rating (O/P: 22.5 Vdc, 1.3 A)
	PS36A225Y1250H	Output rating (O/P: 22.5 Vdc, 1.25 A)
	PS36A210Y1000H	Output rating (O/P: 21 Vdc, 1.0 A)
	PS36A205Y1600H	Output rating (O/P: 20.5 Vdc, 1.6 A)
	PS36A205Y1500H	Output rating (O/P: 20.5 Vdc, 1.5 A)
	PS36A190Y1200H	Output rating (O/P: 19 Vdc, 1.2 A)
	PS36A190Y1000H	Output rating (O/P: 19 Vdc, 1.0 A)
	PS36A185Y1800H	Output rating (O/P: 18.5 Vdc, 1.8 A)
	PS36A185Y1600H	Output rating (O/P: 18.5 Vdc, 1.6 A)
	PS36A185Y1500H	Output rating (O/P: 18.5 Vdc, 1.5 A)
	PS36A185Y1250H	Output rating (O/P: 18.5 Vdc, 1.25 A)
	PS36A185Y1200H	Output rating (O/P: 18.5 Vdc, 1.2 A)
	PS36A185Y1000H	Output rating (O/P: 18.5 Vdc, 1.0 A)
	PS36A180Y2000H	Output rating (O/P: 18 Vdc, 2.0 A)

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	PS36A180Y1890H	Output rating (O/P: 18 Vdc, 1.89 A)
	PS36A180Y1660H	Output rating (O/P: 18 Vdc, 1.66 A)
	PS36A180Y1500H	Output rating (O/P: 18 Vdc, 1.5 A)
	PS36A180Y1330H	Output rating (O/P: 18 Vdc, 1.33 A)
	PS36A180Y1300H	Output rating (O/P: 18 Vdc, 1.3 A)
	PS36A180Y1250H	Output rating (O/P: 18 Vdc, 1.25 A)
	PS36A180Y1200H	Output rating (O/P: 18 Vdc, 1.2 A)
	PS36A190Y1250H	Output rating (O/P: 19 Vdc, 1.25 A)
	PS36A190Y1500H	Output rating (O/P: 19 Vdc, 1.5 A)
	PS36A205Y1400H	Output rating (O/P: 20.5 Vdc, 1.4 A)
	PS36A205Y1250H	Output rating (O/P: 20.5 Vdc, 1.25 A)
	PS36A205Y1200H	Output rating (O/P: 20.5 Vdc, 1.2 A)
	PS36A205Y1000H	Output rating (O/P: 20.5 Vdc, 1.0 A)
	PS36A200Y1800H	Output rating (O/P: 20 Vdc, 1.8 A)
	PS36A200Y1500H	Output rating (O/P: 20 Vdc, 1.5 A)
	PS36A200Y1250H	Output rating (O/P: 20 Vdc, 1.25 A)
	PS36A200Y1200H	Output rating (O/P: 20 Vdc, 1.2 A)
	PS36A200Y1000H	Output rating (O/P: 20 Vdc, 1.0 A)
	PS36A195Y1800H	Output rating (O/P: 19.5 Vdc, 1.8 A)
	PS36A195Y1500H	Output rating (O/P: 19.5 Vdc, 1.5 A)

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	PS36A195Y1250H	Output rating (O/P: 19.5 Vdc, 1.25 A)
	PS36A195Y1200H	Output rating (O/P: 19.5 Vdc, 1.2 A)
	PS36A195Y1000H	Output rating (O/P: 19.5 Vdc, 1.0 A)
	PS36A190Y1890H	Output rating (O/P: 19 Vdc, 1.89 A)
	PS36A190Y1800H	Output rating (O/P: 19 Vdc, 1.8 A)
	PS36A240Y1250H	Output rating (O/P: 24 Vdc, 1.25 A)

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

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Plastic enclosure	SABIC INNOVATIVE PLASTICS B V	940(f1)(gg*)	PC, V-0, min. 120 °C, min. thickness: 1, 5 mm	UL
Appliance Inlet (CON1)	Zhe Jiang Bei Er Jia Electronic Co., Ltd.	ST-A01-001L, ST-A01-002L, ST-A01-003J, ST-A01-003K	2, 5 A, 250 VAC, C14	IEC
(Alternate)	Dongguan HUACONN Electronics Co., Ltd	HC-99 Series	2, 5 A, 250 VAC, C14	IEC
(Alternate)	Zhejiang LECI Electronics Co., Ltd	DB-14 Series	2, 5 A, 250 VAC, C14	IEC
(Alternate)	Yueqing Yanhui Electronic Co., Ltd.	DB-14	2, 5 A, 250 VAC, C14	IEC
(Alternate)	Rong Feng Industrial Co., Ltd.	SS-120 Series	2, 5 A, 250 VAC, C14	IEC
Fuse (F1)	Shenzhen Lanson Electronics Col Ltd	SMT	T3, 15 AL, 250 Vac	IEC
(Alternate)	Conquer Electronics Co Ltd	MST	T3, 15 AL, 250 Vac	IEC
(Alternate)	XC Electronics (Shen Zhen) Corp. Ltd.	5TE	T3, 15 AL, 250 Vac	IEC

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alternate)	King Wahoo Electronics Co., Ltd	KET	T3, 15 AL, 250 Vac	IEC
(Alternate)	King Wahoo Electronics Co., Ltd	3TC	T3, 15 AL, 250 Vac	IEC
(Alternate)	EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2010	T3, 15 AL, 250 Vac	IEC
(Alternate)	Suzhou Walter Electronic Co. Ltd.	2010 Series	T3, 15 AL, 250 Vac	IEC
(Alternate)	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T3, 15 AL, 250 Vac	IEC
(Alternate)	DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD	2009	T3, 15 AL, 250 Vac	IEC
(Alternate)	DONGGUAN LUOYI ELECTRONIC TECHNOLOGY CO LTD	SAT	T3, 15 AL, 250 Vac	IEC
(Alternate)	XIAMEN DEXIAN ELECRTONICS TECHNOLOGY CO LTD	DET T3.15A250V	T3, 15 AL, 250 Vac	IEC
Varistor (VR1) (Optional)	Cerglass MFG Inc	10D681K, 10D751K, 10D821K, 14D681K, 14D751K, 14D821K	Min. 420 VAC, coating Min. V-1, min. 105 ←C	VDE, UL

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alternate)	Dongguan City Dafu Electronics Co. Ltd.	10D681K, 10D751K, 10D781K, 10D821K (For VDE) NDF10D681K NDF10D751K NDF10D781K NDF10D821K (For UL)	Min. 420 VAC, coating Min. V-1, min. 105 ←C	VDE, UL
X-cap. (CX1) (Optional)	Hsuan Tai Electronic Co. Ltd.	MCY	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Shenzhen Yimanfeng Science And Technology Co., Ltd.	MPX/MKP	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X1 or X2 type	IEC
(Alternate)	Guangdong Fengming Electronic Tech. Co., Ltd.	MKP-X2	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Shenzhen Haotian Electronic Co., Ltd.	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Dongguan Cigu Electronic Technology Co., Ltd	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Dongguan City Dafu Electronics Co. Ltd.	MPX Series	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Huizhou Rongda Electronics Co. Ltd.	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Xiangtai Electronics (Shenzhen) Co., Ltd.	MPX / MKP	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alternate)	Shantou Xinyin Electronics Technology Co. Ltd.	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	JYH HSU (JEC) ELECTRONICS LTD	MPX	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Huizhou Zhongdian Huaxing Electronics Co., Ltd.	MPX/MKP	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
(Alternate)	Dongguan Easy-gather Electronic Co., Ltd	MKP-X2	Max. 0, 22 uF±20%, min.275 Vac, min.100 °C, X2 type	IEC
Bleeder resistor (R1A, R1B, R1C, R1D)	Interchangeable	Interchangeable	Each rated max. 3 Mohm	Tested with appliance
Bridge -capacitor (CY1) (Optional)	Guangdong South Hongming ElectronicScience and Technology Co., Ltd.	F	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	JYH HSU (JEC) ELECTRONICS LTD	JD	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Hsuan Tai Electronics Co., Ltd.	CY	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd.,	CD-Series	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Shenzhen Haotian Electronic Co., Ltd.	HT	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Nan Jing Yuyue Electronics Co., Ltd.	CT7	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Dongguan City Dersonic Electronic Co., Ltd.	CD	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Dongguan Cigu Electronic Technology Co., Ltd	CD series	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC

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(Alternate)	Dongguan City Dafu Electronics Co., Ltd.	CT7 Y1 Series	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Shaanxi Huaxing Electronic Development Co. Ltd.	CT7Y1	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Xiangtai Electronics (Shenzhen) Co., Ltd.	YO-series	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Shenzhen Teruixiang Electronic Co, Ltd.	TY-Series (TYB; TYE; TYF)	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	GCE (Dongguan) Electronics Co., Ltd.	GY1 series	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
(Alternate)	Dongguan Easy-gather Electronic Co., Ltd.	DCF	Max. 2200 pF, min. 250 Vac, 125 °C, Y1 type	IEC
Optocoupler (OP1)	Bright Led Electronics Corp.	BPC-817 (A; B; C; D; L) BPC-817 M, BPC-817 S (For VDE) BPC-817MXXXXX X*, BPC-817SXXXXXX *, BPC-817XXXXXX* (For UL)	Dti =0, 4 mm, int. dcr=7, 6 mm, ext. Dcr. =7, 6 mm, Min.100 °C	VDE, UL
(Alternate)	COSMO Electronics Corporation	KPC817, K1010, KP1010 (For VDE) 817X#, KPC817X# (For UL)	Dti = 0, 5 mm, int. dcr = 5, 3 mm, ext. dcr = 8, 0 mm, Min.100 °C	VDE, UL
(Alternate)	Everlight Electronics Co., Ltd.	EL817 (blank;M;S;S1;S2; M2) (blank;V), EL8171 V, EL817H V, EL817L V (For VDE) 817, EL817, EL8171, EL817H, EL817L, HS817, K817P (For UL)	Dti =0, 5 mm, int. dcr.=6, 0 mm, ext. Dcr. =7, 7 mm, Min. 100 °C	VDE, UL

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(Alternate)	Lite-On Technology Corporation	LTV-817, LTV-817 S2 (For VDE) 817, LTV-817 (For UL)	Dti = 0, 8 mm, int. dcr = 5, 2 mm, ext. dcr = 7, 8 mm, Min. 100 °C	VDE, UL
(Alternate)	Shenzhen Orient Components Co. Ltd.	ORPC-817 x, ORPC-817M x, ORPC-817S x (For VDE) ORPC-817Mx@, ORPC-817Sx@, ORPC-817x@ (For UL)	Dti = 0, 4 mm, int. dcr = 5, 2 mm, ext. dcr = 7, 6 mm, Min. 100 °C	VDE, UL
(Alternate)	CT Micro International Corporation	CT81(X1)(X2)(X3) V (Y)(Z)-(H)(G) (For VDE) CT817 @, CT81X @ (For UL)	Dti = 0, 4 mm, int. dcr = 5, 2 mm, ext. dcr = 8, 0 mm, Min. 100 °C	VDE, UL
PCB	DONGGUAN DONGHONGXIN ELECTRONICS CO LTD	DHXX2	Min.V-1, min.130 °C	UL
(Alternate)	SHANTOU YUEDONG LIANFENG ELECTRONIC INDUSTRY CO LTD	LF-D	Min.V-1, min.130 °C	UL
(Alternate)	DONG GUAN RONG MAO ELECTRONICS CO LTD	R-1, R- 2, R-3	Min.V-1, min.130 °C	UL
(Alternate)	DONGGUAN HUATUO ELECTRONIC CO LTD	AF-001, AF-002, AF-003, YK-02, YK-03, YK-04	Min.V-1, min.130 °C	UL
(Alternate)	SHENZHEN DINYE ELECTRONIC CO LTD	DY-07, DY-06	Min.V-1, min.130 °C	UL
(Alternate)	SHENZHEN XSL PRINTED CIRCUIT BOARD CO LTD	XSL-M, XSL-D	Min.V-1, min.130 °C	UL
(Alternate)	DONGGUAN CITY TONSUN ELECTRONIC CO LTD	TS-02, TS-03	Min.V-1, min.130 °C	UL
(Alternate)	DONGGUANSHI XINGLIAN ELECTRONIC CO LTD	XL02, XL01	Min.V-1, min.130 °C	UL

[서식 CP401-18-00]

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(Alternate)	COUNTCASH LTD	C-05, C-11A, C-16, C-25	Min.V-1, min.130 °C	UL
(Alternate)	ZHONGSHAN CHENGYE ELECTRONIC CIRCUIT BOARD CO LTD	001, 002, 003	Min.V-1, min.130 °C	UL
(Alternate)	EASTOP INTERNATIONAL LTD	ET-002, ET-003, ET-004, ET-005	Min.V-1, min.130 °C	UL
(Alternate)	SHENZHEN YAHENG CIRCUIT TECHNOLOGY CO LTD	YH-M, YH-D	Min.V-1, min.130 °C	UL
(Alternate)	BOLUO CX ELECTRONICS CO LTD	CX2, CX4	Min.V-1, min.130 °C	UL
(Alternate)	GUANGDONG HETONG TECHNOLOGY CO LTD	2V0, HT-52, C EM1, FR4	Min. V-1, min. 130 °C.	UL
(Alternate)	Interchangeable	Interchangeable	Min.V-1, min.130 °C	UL
Transformer (T1)	SHENZHEN HE SHENG LONG ELECTRONICS CO LTD	PS36A(24A0)	Class B	Tested with appliance
Transformer (T1) (Alt.)	DONG GUAN RONGJU ELECTRONICS CO LTD	PS36A(24A0)	Class B	Tested with appliance
Transformer (T1) (Alt.)	SHENZHEN ANPINYUAN TECHNOLOGY CO LTD	PS36A(24A0)	Class B	Tested with appliance
Transformer (T1) (Alt.)	SHENZHENSHI XINDAHUI ELECTRONICS CO LTD	PS36A(24A0)	Class B	Tested with appliance
Line filter (LF1)	Shenzhen SHI PENGCEGHUI ELECTRONICS Co., Ltd.	UU10.5	Min. 130 °C	Tested with appliance

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(Alternate)	Shenzhen SHI PENGCEHUI ELECTRONICS Co., Ltd.	0.37/80 TS	Min. 130 °C	Tested with appliance
(Alternate)	Interchangeable	Interchangeable	Min. 130 °C	Tested with appliance
Green/yellow wire (Optional)	DONGGUAN CHANGAN HUAWEI WIRE CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN HONGYA ELECTRONICS CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN WENCHANG ELECTRONIC CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN CITY JIN ZAO LI ELECTRONIC TECHNOLOGY CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN BOSITAI COMPUTER ACCESSORY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	HUIZHOU KASEN ELECTRIC WIRE & CABLE CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	LINOYA ELECTRONIC TECHNOLOGY CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN HUANYA ELECTRONICS CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHEN ZHEN HENG LI DE ELECTRICITY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	ZHEJIANG LONDA ELECTRONIC WIRE & CABLE CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN ZHENGERYA TECHNOLOGY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL

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(Alternative)	DONGGUAN LICHENG ELECTRONICS CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	HERWELL ELECTRIC WIRE CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	YONG HAO ELECTRICAL INDUSTRY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN WINWIN ELECTRONICS CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN TAI XIN WIRE CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	XIANG REN YI TECHNOLOGY (SHENZHEN) LTD	2468	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN HAODE WIRE & CABLE TECHNOLOGY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN CITY DE XING LONG ELECTRIC CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	DONGGUAN BOLI ELECTRONIC CO LTD	1430, 1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	SHENZHEN RONGCHUN INDUSTRY CO LTD	1007, 1015	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	GANZHOU LINK WORLD ELECTRONICS TECHNOLOGY CO LTD	1007	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL
(Alternative)	Interchangeable	Interchangeable	VW-1, Min. 300V, min. 80 °C, min. 24 AWG,	UL

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### 3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2022/10/18	신규발급(파생)

### 4. 기타(Carefully Informed Note)

- 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

- 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제 11조에 따라 안전인증이 취소될수 있습니다.

If 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 according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 조건부 인증사항 (Conditional certification items) :

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## NO. 1 표시사항



## NO. 2 외부



한국기계전기전자시험연구원  
Korea Testing Certification

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NO. 3 외부



NO. 4 외부



한국기계전기전자시험연구원  
Korea Testing Certification

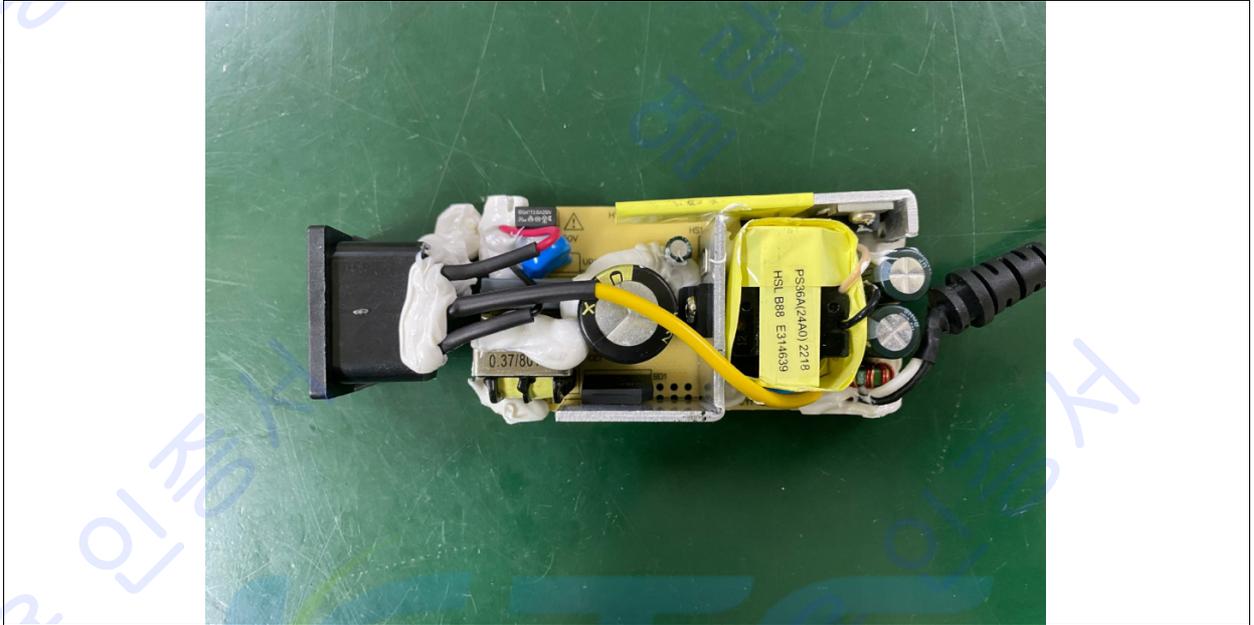
# 기술문서붙임자료

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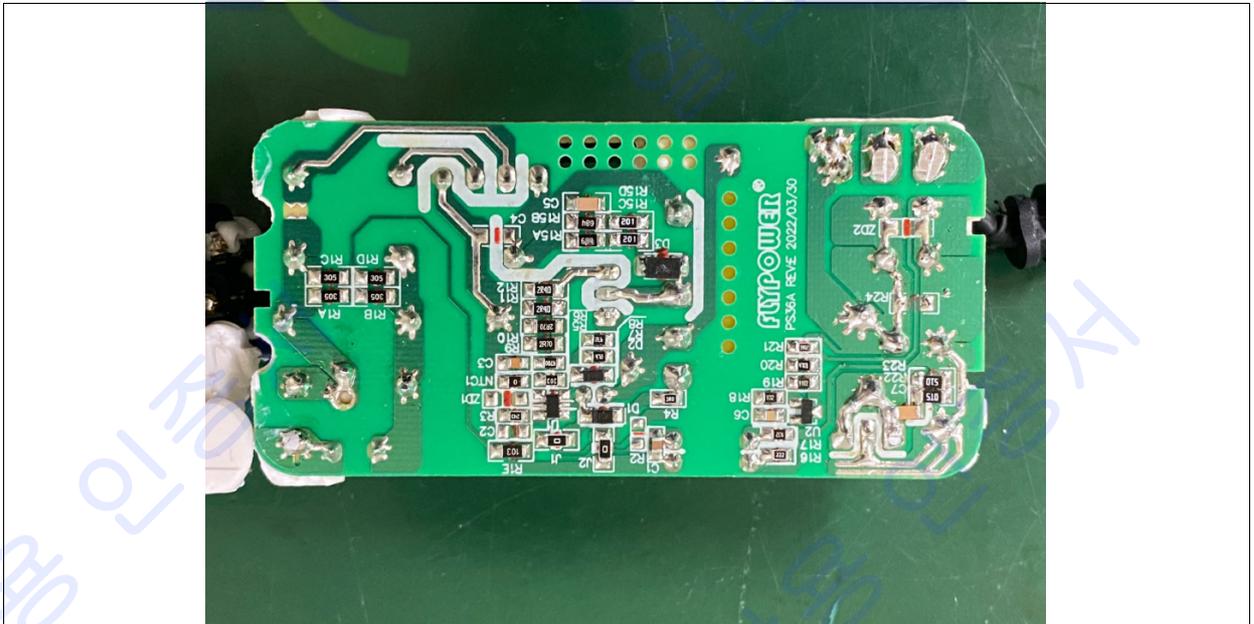
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NO. 5 내부



NO. 6 내부



한국기계전기전자시험연구원  
Korea Testing Certification