



안전인증서

Safety Certificate

안전인증번호: HU101040-19004B
(Certificate No.)

제조업자/수입업자명: Shenzhen Keysun Technology Limited
(Manufacturer/importer)

주 소: 9B Floor, Building 2, Fengxing Lane No.1, Fenghuang Community,
(Address) Fuyong St., Baoan Dist., Shenzhen, Guangdong, China

제 품 명: 직류전원장치
(Product)

기본모델명: KS100DU-2000500
(Basic Model)

파생모델명 (Series Model):

KS100DU-0500700

KS100DU-0500800WK

KS100DU-0840700WK

KS100DU-0840800WK

KS100DU-0900700

KS100DU-0500800

KS100DU-0840700

KS100DU-0840800

KS100DU-0900650

아면기제

정격/안전기준상의 모델구분: 100-240 V~, 50/60 Hz, 2.0 A (O/P: 20 Vdc, 5 A)
(Rating)

시험기준: K 60950-1(2011-12)
(Standard)

본 인증서는 제조국명: 중국

제조업자명: Shenzhen Keysun Technology Limited

제조공장의 주소: 9B Floor, Building 2, Fengxing Lane No.1, Fenghuang Community,
Fuyong St., Baoan Dist., Shenzhen, Guangdong, China

외 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.

2019 년 12 월 26 일
(Year) (Month) (Day)



한국기계전기전자시험연구원
Korea Testing Certification



* 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 | 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) |



KS100DU-0900700WK
KS100DU-0900800WK
KS100DU-1200650WK
KS100DU-1200700WK
KS100DU-1200750WK
KS100DU-1200800WK
KS100DU-1200830WK
KS100DU-1260600WK
KS100DU-1260700WK
KS100DU-1260750WK
KS100DU-1400600WK
KS100DU-1400700WK
KS100DU-1500550WK
KS100DU-1500600WK
KS100DU-1500650WK
KS100DU-1600500WK
KS100DU-1600550WK
KS100DU-1600600WK
KS100DU-1680500WK
KS100DU-1680550WK
KS100DU-1800450WK
KS100DU-1800500WK
KS100DU-1800550WK
KS100DU-1900400WK
KS100DU-1900450WK
KS100DU-1900474WK
KS100DU-1900500WK
KS100DU-2000400WK
KS100DU-2000450WK
KS100DU-2400350
KS100DU-2400375
KS100DU-2400400
KS100DU-2400416
KS100DU-2600300
KS100DU-2600350
KS100DU-2600380
KS100DU-2800300
KS100DU-2800350
KS100DU-3000250
KS100DU-3000300
KS100DU-3000330
KS100DU-3200250
KS100DU-3200300
KS100DU-3600250
KS100DU-3600277

KS100DU-0900800
KS100DU-1200650
KS100DU-1200700
KS100DU-1200750
KS100DU-1200800
KS100DU-1200830
KS100DU-1260600
KS100DU-1260700
KS100DU-1260750
KS100DU-1400600
KS100DU-1400700
KS100DU-1500550
KS100DU-1500600
KS100DU-1500650
KS100DU-1600500
KS100DU-1600550
KS100DU-1600600
KS100DU-1680500
KS100DU-1680550
KS100DU-1800450
KS100DU-1800500
KS100DU-1800550
KS100DU-1900400
KS100DU-1900450
KS100DU-1900474
KS100DU-1900500
KS100DU-2000400
KS100DU-2000450
KS100DU-2000500WK
KS100DU-2400350WK
KS100DU-2400375WK
KS100DU-2400400WK
KS100DU-2400416WK
KS100DU-2600300WK
KS100DU-2600350WK
KS100DU-2600380WK
KS100DU-2800300WK
KS100DU-2800350WK
KS100DU-3000250WK
KS100DU-3000300WK
KS100DU-3000330WK
KS100DU-3200250WK
KS100DU-3200300WK
KS100DU-3600250WK
KS100DU-3600277WK

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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)	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-1 flammability and appliance inlet.
기타 (Others)	Class I

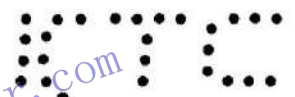
1.2 전기용품의 표시: 전기용품 및 생활용품 안전관리법 시행규칙 제20조 (안전인증의 표시)에 따라 표시한다.

(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)

구 분 (Class)	모 델 명 및 정 격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	KS100DU-2000500 100~240 V~, 50/60 Hz, 2.0 A (O/P: 20 Vdc, 5 A)	
파생모델 (Series model)	KS100DU-0500700	Model name and output rating (O/P: 5 Vdc, 7 A)
	KS100DU-0500800	Model name and output rating (O/P: 5 Vdc, 8 A)
	KS100DU-0840700	Model name and output rating (O/P: 8.4 Vdc, 7 A)
	KS100DU-0840800	Model name and output rating (O/P: 8.4 Vdc, 8 A)
	KS100DU-0900650	Model name and output rating (O/P: 9 Vdc, 6.5 A)
	KS100DU-0900700	Model name and output rating (O/P: 9 Vdc, 7 A)
	KS100DU-0900800	Model name and output rating (O/P: 9 Vdc, 8 A)

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KS100DU-1200650	Model name and output rating (O/P: 12 Vdc, 6.5 A)
KS100DU-1200700	Model name and output rating (O/P: 12 Vdc, 7 A)
KS100DU-1200750	Model name and output rating (O/P: 12 Vdc, 7.5 A)
KS100DU-1200800	Model name and output rating (O/P: 12 Vdc, 8 A)
KS100DU-1200830	Model name and output rating (O/P: 12 Vdc, 8.3 A)
KS100DU-1260600	Model name and output rating (O/P: 12.6 Vdc, 6 A)
KS100DU-1260700	Model name and output rating (O/P: 12.6 Vdc, 7 A)
KS100DU-1260750	Model name and output rating (O/P: 12.6 Vdc, 7.5 A)
KS100DU-1400600	Model name and output rating (O/P: 14 Vdc, 6 A)
KS100DU-1400700	Model name and output rating (O/P: 14 Vdc, 7 A)
KS100DU-1500550	Model name and output rating (O/P: 15 Vdc, 5.5 A)
KS100DU-1500600	Model name and output rating (O/P: 15 Vdc, 6 A)
KS100DU-1500650	Model name and output rating (O/P: 15 Vdc, 6.5 A)
KS100DU-1600500	Model name and output rating (O/P: 16 Vdc, 5 A)
KS100DU-1600550	Model name and output rating (O/P: 16 Vdc, 5.5 A)
KS100DU-1600600	Model name and output rating (O/P: 16 Vdc, 6 A)
KS100DU-1680500	Model name and output rating (O/P: 16.8 Vdc, 5 A)
KS100DU-1680550	Model name and output rating (O/P: 16.8 Vdc, 5.5 A)
KS100DU-1800450	Model name and output rating (O/P: 18 Vdc, 4.5 A)
KS100DU-1800500	Model name and output rating (O/P: 18 Vdc, 5 A)
KS100DU-1800550	Model name and output rating (O/P: 18 Vdc, 5.5 A)

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KS100DU-1900400	Model name and output rating (O/P: 19 Vdc, 4 A)
KS100DU-1900450	Model name and output rating (O/P: 19 Vdc, 4.5 A)
KS100DU-1900474	Model name and output rating (O/P: 19 Vdc, 4.74 A)
KS100DU-1900500	Model name and output rating (O/P: 19 Vdc, 5 A)
KS100DU-2000400	Model name and output rating (O/P: 20 Vdc, 4 A)
KS100DU-2000450	Model name and output rating (O/P: 20 Vdc, 4.5 A)
KS100DU-2400350	Model name and output rating (O/P: 24 Vdc, 3.5 A)
KS100DU-2400375	Model name and output rating (O/P: 24 Vdc, 3.75 A)
KS100DU-2400400	Model name and output rating (O/P: 24 Vdc, 4 A)
KS100DU-2400416	Model name and output rating (O/P: 24 Vdc, 4.16 A)
KS100DU-2600300	Model name and output rating (O/P: 26 Vdc, 3 A)
KS100DU-2600350	Model name and output rating (O/P: 26 Vdc, 3.5 A)
KS100DU-2600380	Model name and output rating (O/P: 26 Vdc, 3.8 A)
KS100DU-2800300	Model name and output rating (O/P: 28 Vdc, 3 A)
KS100DU-2800350	Model name and output rating (O/P: 28 Vdc, 3.5 A)
KS100DU-3000250	Model name and output rating (O/P: 30 Vdc, 2.5 A)
KS100DU-3000300	Model name and output rating (O/P: 30 Vdc, 3 A)
KS100DU-3000330	Model name and output rating (O/P: 30 Vdc, 3.3 A)
KS100DU-3200250	Model name and output rating (O/P: 32 Vdc, 2.5 A)
KS100DU-3200300	Model name and output rating (O/P: 32 Vdc, 3 A)
KS100DU-3600250	Model name and output rating (O/P: 36 Vdc, 2.5 A)

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KS100DU-3600277	Model name and output rating (O/P: 36 Vdc, 2.77 A)
KS100DU-0500800WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 5 Vdc, 8 A)
KS100DU-0840700WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 8.4 Vdc, 7 A)
KS100DU-0840800WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 8.4 Vdc, 8 A)
KS100DU-0900700WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 9 Vdc, 7 A)
KS100DU-0900800WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 9 Vdc, 8 A)
KS100DU-1200650WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 12 Vdc, 6.5 A)
KS100DU-1200700WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 12 Vdc, 7 A)
KS100DU-1200750WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 12 Vdc, 7.5 A)
KS100DU-1200800WK	Model name, input connector(non-detachable power supply cord with plug) and output rating (O/P: 12 Vdc, 8 A)

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KS100DU-1200830WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 12 Vdc, 8.3
A)

KS100DU-1260600WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 12.6 Vdc, 8
A)

KS100DU-1260700WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 12.6 Vdc, 7
A)

KS100DU-1260750WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 12.6 Vdc,
7.5 A)

KS100DU-1400600WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 14 Vdc, 6 A)

KS100DU-1400700WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 14 Vdc, 7 A)

KS100DU-1500550WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 15 Vdc, 5.5
A)

KS100DU-1500600WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 15 Vdc, 6 A)

KS100DU-1500650WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 15 Vdc, 6.5
A)

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KS100DU-1600500WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 16 Vdc, 5 A)

KS100DU-1600550WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 16 Vdc, 5.5
A)

KS100DU-1600600WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 16 Vdc, 6 A)

KS100DU-1680500WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 16.8 Vdc, 5
A)

KS100DU-1680550WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 16.8 Vdc,
5.5 A)

KS100DU-1800450WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 18 Vdc, 4.5
A)

KS100DU-1800500WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 18 Vdc, 5 A)

KS100DU-1800550WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 18 Vdc, 5.5
A)

KS100DU-1900400WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 19 Vdc, 4 A)

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KS100DU-1900450WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 19 Vdc, 4.5
A)

KS100DU-1900474WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 19 Vdc, 4.74
A)

KS100DU-1900500WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 19 Vdc, 5 A)

KS100DU-2000400WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 20 Vdc, 4 A)

KS100DU-2000450WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 20 Vdc, 4.5
A)

KS100DU-2000500WK

Model name and input
connector (non-detachable power
supply cord with plug)

KS100DU-2400350WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 24 Vdc, 3.5
A)

KS100DU-2400375WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 24 Vdc, 3.75
A)

KS100DU-2400400WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 24 Vdc, 4 A)

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KS100DU-2400416WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 24 Vdc, 4.16
A)

KS100DU-2600300WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 26 Vdc, 3 A)

KS100DU-2600350WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 26 Vdc, 3.5
A)

KS100DU-2600380WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 26 Vdc, 3.8
A)

KS100DU-2800300WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 28 Vdc, 3 A)

KS100DU-2800350WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 28 Vdc, 3.5
A)

KS100DU-3000250WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 30 Vdc, 2.5
A)

KS100DU-3000300WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 30 Vdc, 3 A)

KS100DU-3000330WK

Model name, input
connector (non-detachable power
supply cord with plug) and
output rating (O/P: 30 Vdc, 3.3
A)

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KS100DU-3200250WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 32 Vdc, 2.5
A)

KS100DU-3200300WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 32 Vdc, 3 A)

KS100DU-3600250WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 36 Vdc, 2.5
A)

KS100DU-3600277WK

Model name, input
connector(non-detachable power
supply cord with plug) and
output rating (O/P: 36 Vdc, 2.7
A)

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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)
Enclosure	SABIC INNOVATIVE PLASTICS US L L C	945 (GG)	V=0, 120 °C, Minimum thickness 2.0mm, all color, two parts sealed by ultrasonic.	UL
Inlet (for models KS100DU-xxxxyy y)	RONG FENG INDUSTRIAL CO LTD	SS-120	Rated 10A, 250Vac, 70 °C, C14 type	IEC
(Alternative)	DONGGUAN HUACONN ELECTRONICS CO LTD	HC-99	Rated 10A, 250Vac, 70 °C, C14 type	IEC
(Alternative)	ZHEJIANG LECI ELECTRONICS CO LTD	DB-14	Rated 10A, 250Vac, 70 °C, C14 type	IEC
KC plug (KS100DU-xxxxyy yWK)	DONGGUAN E-JUN WIRE CO LTD (CHINA)	EL-202	Rated 16A, 250Vac	KC
Power supply cord of KC plug (KS100DU-xxxxyy yyWK)	I-Sheng manufacturing (SongGang) Factory	227 IEC 53 (H05VV-F) 3Gx0.75mm2, 227 IEC 53 (H05VVH2-F) 3Gx0.75mm2	3x0.75mm2	KC
PCB	Interchangeable	Interchangeable	V-1 or better, Min. 130 °C	UL
Heat shrinkable tube (for F1 and Protective earthing wire)	Interchangeable	Interchangeable	125 °C, min. 300V, VW-1	UL
Fuse (F1)	XC ELECTRONICS (SHENZHEN) CORP LTD	3T	T6.3A, 250Vac	IEC
(Alternative)	DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD	31T	T6.3A, 250Vac	IEC
(Alternative)	HONG HU BLUELIGHT ELECTRONIC CO LTD	L3T	T6.3A, 250Vac	IEC
Electrolytic Capacitor (C1)	Interchangeable	Interchangeable	Rated 100-150uF, 400V, 105 °C	IEC

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부품명 (회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	청격 또는 특성 (Technical Data)	인증규격 (Certification)
Bridging Rectifier (DB1)	Interchangeable	Interchangeable	Min. 10A, Min. 600V	-
Transistor (Q1)	Interchangeable	Interchangeable	Min. 10A, Min. 600V	-
Inductor (TL1)	SHENZHEN WZY TECHNOLOGY CO.,LTD	T10*6*5	Rated 130 °C.	-
Bobbin of TL1	SUMITOMO BAKELITE CO LTD	PM-9823	Phenolic (PF), Rated V-0, 150 °C, min. thickness 0.7mm, black color.	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375HF	Phenolic Molding Compound (PMC), Rated V-0, 150 °C, min. 0.43mm, black color.	UL
(Alternative)	SUMITOMO BAKELITE CO LTD	PM-9820	Phenolic, V-0, 150 °C, min. thickness 0.51mm, black or brown colour only	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J	Phenolic Molding Compound (PMC), Rated V-0, 150 °C, min. 0.45mm, black and brown color.	UL
Triple Insulation Wire	FURUKAWA ELECTRIC CO LTD	TEX-E	Rated 130 °C	UL
(Alternate)	TOTOKU ELECTRIC CO LTD	TIW-2X\$+, TIW-2XY\$+	Rated 130 °C	UL
Inductor (TL2)	Dong guan Zhiqing Electronics Technology Co.,Ltd	SQ151030015	Rated 130 °C.	-
Bobbin of TL2	SUMITOMO BAKELITE CO LTD	PM-9823	Phenolic (PF), Rated V-0, 150 °C, min. thickness 0.7mm, black color.	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375HF	Phenolic Molding Compound (PMC), Rated V-0, 150 °C, min. 0.43mm, black color.	UL
(Alternative)	SUMITOMO BAKELITE CO LTD	PM-9820	Phenolic, V-0, 150 °C, min. thickness 0.51mm, black or brown colour only	UL
(Alternative)	CHANG CHUN PLASTICS CO LTD	T375J	Phenolic Molding Compound (PMC), Rated V-0, 150 °C, min. 0.45mm, black and brown color.	UL

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안전인증번호: HU101040-19004B
(Certificate No)

접수번호: 20191206 - 0009
(Receipt No)

부품명 (회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Discharge resistors (R1, R2, 1R1, 1R2)	Interchangeable	Interchangeable	Rated 1.0-1.5 M ohm, min. 1/4W each	-
X-capacitor (CX1)	SHENZHEN WEIDY INDUSTRIAL DEVELOPMENT CO LTD	MKP	Max. 0.56 μ F, Min. 250Vac, 110 °C, X2 type	IEC
(Alternative)	DONGGUAN EASY-GATHER ELECTRONIC CO LTD	MKP-X2	Max. 0.56 μ F, Min. 300Vac, 105 °C, X2 type	IEC
(Alternative)	TENTA ELECTRIC INDUSTRIAL CO LTD	MEX	Max. 0.56 μ F, Min. 275Vac, 100 °C, X2 type	IEC
(Alternative)	DAIN ELECTRONICS CO LTD	MPX, MEX	Max. 0.56 μ F, Min. 275Vac, 100 °C, X2 type	IEC
(Alternative)	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	MPX	Max. 0.56 μ F, Min. 250Vac, 110 °C, X2 type	IEC
(Alternative)	CARLI ELECTRONICS CO LTD	MPX	Max. 0.56 μ F, Min. 275Vac, 100 °C, X2 type	IEC
Varistor (ZR1)	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	10D471K, 10D561K, 14D471K, 14D561K	Rated min. 300 VAC, 125 °C, V-0 coating	IEC
(Alternative)	LIEN SHUN ELECTRONICS CO LTD	10D471K, 10D561K	Rated min. 300 VAC, 105 °C, V-0 coating	IEC
(Alternative)	THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10471-M, TVR10561-M, TVR14471-M, TVR14561-M	Rated min. 300 VAC, 125 °C, V-0 coating	IEC
(Alternative)	HONGZHI ENTERPRISES LTD	HEL10D471K (@), HEL14D471K (@)	Rated min. 300 VAC, 105 °C, V-0 coating	IEC
(Alternative)	BRIGHTKING (SHENZHEN) CO LTD	10D471K, 14D471K	Rated min. 300 VAC, 105 °C, V-0 coating	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)
Transformer (T1)	ANQUAN ELECTRONICS (SHENZHE CO LTD	ZH100-T-2xx	Class B	-
Triple Insulation Wire of T1	FURUKAWA ELECTRIC CO LTD	TEX-E	Rated 130 °C	UL
(Alternate)	TOTOKU ELECTRIC CO LTD	TIW-2XS+ TIW-2XY\$+	Rated 130 °C	UL
Bobbin of T1	SUMITOMO BAKELITE CO LTD	PM-9820	Phenolic (PF), rated V-0, 150 °C, Min. 0.51mm thickness, black or brown colour.	UL
(Alternate)	SUMITOMO BAKELITE CO LTD	PM-9630	Phenolic (PF), rated V-0, 155 °C, Min. 0.51mm thickness, black colour.	UL
Y-capacitor (CY3, CY4)	JYA-NAY CO LTD	JY	Maximum 2200pF, minimum 250Vac, 125 °C, Y2 type	IEC
(Alternative)	JYH CHUNG ELECTRONICS CO LTD	JY	Maximum 2200pF, minimum 250Vac, 125 °C, Y2 type	IEC
(Alternative)	SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD	CE	Maximum 2200pF, minimum 250Vac, 125 °C, Y2 type	IEC
(Alternative)	HONGZHI ENTERPRISES LTD	Y	Maximum 2200pF, minimum 250Vac, 125 °C, Y2 type	IEC
Optocoupler (IC2)	EVERLIGHT ELECTRONICS CO LTD	EL817	Dti ≥ 0.4mm, ext. dcr=7.0mm, 110 °C.Isolation voltage 5000Vac	IEC
(Alternative)	LITE-ON TECHNOLOGY CORP	LTV-817	Dti ≥ 0.4mm, ext dcr=7.0mm, 115 °C.Isolation voltage 5000Vac	IEC
(Alternative)	SHARP CORP ELECTRONIC COMPONENTS AND DEVICES BU	PC817	Dti ≥ 0.4mm, ext dcr=6.4mm, 110 °C.Isolation voltage 5000Vac	IEC

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3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2019/06/14	기본+파생모델등록(Basic + Series Model)
2019/12/26	양도양수(Rights Acquired)
	SHENZHEN KEYSUN TECHNOLOGY LIMITED/Zhang Yan/9B Floor, Building 2, Fengxing Lane No.1, Fenghuang Com

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 될 수 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 제11조에 따라 안전인증이 취소될 수 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):

