

접수번호 : 20-026047-01-1
(Receipt No.)



안전인증서

Safety Certificate

안전인증번호 : SU10578-20001
(Certificate No.)

제조업자/수입업자명 : Guangdong Keerda Electronics Co.,Ltd
(Manufacturer/importer)

주소 : Xintang Road, Shilong Industrial District, Lunjiao Town, Shunde District, Foshan City, Guangdong, China

제품명 : 직류전원장치(AC ADAPTER)
(Product)

기본모델명 : DZ018CHL060300K
(Basic Model)

파생모델명 : See the attachment 2
(Series Model)

정격/안전기준상의 모델구분 : 100 - 240 V~, 50/60 Hz, 0.5 A(Output: 6 Vdc, 3 A, 18.0 W)
(Rating)

시험기준 : K60950-1(2011-12)
(Standard)

본 인증서는 제조국명 : 중국
제조업자명 : Guangdong Keerda Electronics Co.,Ltd
제조공장의 주소 : Xintang Road, Shilong Industrial District, Lunjiao Town, Shunde District, Foshan 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 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.

2020 년 05 월 20 일
Year month day

한국산업기술시험원장

KOREA TESTING LABORATORY



* 이 인증서는 「전기용품 및 생활용품 안전관리법 시행규칙」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)
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□ 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
Enclosure	COVESTRO DEUTSCHLAND AG	6265X + (z)(f1)	PC, V-0, 115 °C, Min. thickness: 1.5 mm	UL
(Alternative)	SABIC INNOVATIVE PLASTICS B.V	940(f1)	PC, V-0, 120 °C, Min. thickness: 1.5 mm	UL
(Alternative)	SABIC INNOVATIVE PLASTICS US LLC	940(f1),ML1655R(f1)	PC, V-0, 120 °C, Min. thickness: 1.5 mm	UL
Plug holder	COVESTRO DEUTSCHLAND AG	6265X + (z)(f1)	PC, V-0, 115 °C, Min. thickness: 1.5 mm	UL
(Alternative)	SABIC INNOVATIVE PLASTICS B.V	940(f1)	PC, V-0, 120 °C, Min. thickness: 1.5 mm	UL
(Alternative)	SABIC INNOVATIVE PLASTICS US LLC	940(f1),ML1655R(f1)	PC, V-0, 120 °C, Min. thickness: 1.5 mm	UL
material of Plug pin	-	-	Cu(63.5 % - 68.0 %)	-
PCB	FOSHANSHI SHUNDE QU LELIUZHEN SHENGMEIDA ELECTRONIC CO LTD	SM-B, SM-D	130 °C, V-0	UL
(Alternative)	KINGBOARD LAMINATES HOLDINGS LTD	KB-3151S, KB-3152C, KB-3152, KB-5150, KB-5152, KB-5252	130 °C, V-0	UL
(Alternative)	SHANDONG JINBAO ELECTRONICS CO LTD	ZD-95(G)F, ZD-95(G)F1, ZD-95(G)F3, ZD-95(G)F6, ZD-68(G)F, ZD-68(G)F1	130 °C, V-0	UL
(Alternative)	interchangeable	interchangeable	130 °C, V-0 or better	UL
Fuse(F1)	Xiamen Dexian Electronics Technology Co., Ltd	DET T2A250V	AC250 V, T2 A	KC
(Alternative)	Zhongshan Lanbao Electrical Appliances Co., Ltd.	TR T2A 250V	AC250 V, T2 A	KC
(Alternative)	Shanghai Fullness Electrical Co., Ltd.	TSP 2A 250VAC	AC250 V, T2 A	KC
(Alternative)	Hollyland (Xiamen) Technology Corporation Limited	5ET 250V 2A	AC250 V, T2 A	KC
(Alternative)	Dongguan Hongda Electronic Technology Co., Ltd.	2009 T2A250V	AC250 V, T2 A	KC

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
(Alternative)	Dongguan Better Electronics Technology Co., Ltd	932 T2AL250V	AC250 V, T2 A	KC
Line-filter(LF1)	GUANGDONG KEERDA ELECTRONICS CO LTD	EE8.3	130 °C, 20 mH	Tested with appliance
(Alternative)	FOSHAN PENGXIANGXIN ELECTRONIC LTD CO., LTD.	EE8.3	130 °C, 20 mH	Tested with appliance
(Alternative)	Dongguan Zhen Wei Electronics Co., Ltd.	EE8.3	130 °C, 20 mH	Tested with appliance
Y-Capacitor (CY1)	JYJ HSU (JEC) ELECTRONICS LTD	JD Y1 400V 2200pF	Y1, AC400 V, 1000 pF	KC
(Alternative)	Dongguan Easy-gather Electronic Company Limited	DCF222MY5V	Y1, AC250 V, 1000 pF	KC
(Alternative)	Shantou High-New Technology Development Zone Songtian Enterprise Co., Ltd	CD	Y1, AC250 V, 1000 pF	KC
(Alternative)	Dongguan QinHong (QNR) Electronic Technology Co LTD	CT7 Y1 1000pF	Y1, AC250 V, 1000 pF	KC
(Alternative)	Shenzhen Haotian Electronic Co.,Ltd.	HT 222M Y1 250V~	Y1, AC250 V, 1000 pF	KC
(Alternative)	SUCCESS ELECTRONICS (HUIZHOU)CO., LTD	SB	Y1, AC250 V, 1000 pF	KC
(Alternative)	SUCCESS ELECTRONICS (HUIZHOU)CO., LTD	SE	Y1, AC250 V, 1000 pF	KC
(Alternative)	Dongguan Cigu Electronic Technology Co., Ltd	CD 2200pF Y5U	Y1, AC250 V, 1000 pF	KC
(Alternative)	DONGGUAN CITY DAFU ELECTRONICS CO LTD	CT7 Y1 250V 1000pF	Y1, AC250 V, 1000 pF	KC
Transformer(T1)	GUANGDONG KEERDA ELECTRONICS CO., LTD	ZHIDIAN-18C (EE1710-5V)	Class B	Tested with appliance

부품명(회로기호) Component(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 Rating or Characteristics	인증마크 Tested by
<p><input type="checkbox"/> 유의사항 (Attention) :</p> <p>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.</p> <p><i>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.</i></p> <p>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.</p> <p><i>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.</i></p>				

FP511-04

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)
DZ018CHL050200K	Same as basic model except for output rating(5.0 Vdc, 2.0 A)
DZ018CHL050210K	Same as basic model except for output rating(5.0 Vdc, 2.1 A)
DZ018CHL050220K	Same as basic model except for output rating(5.0 Vdc, 2.2 A)
DZ018CHL050230K	Same as basic model except for output rating(5.0 Vdc, 2.3 A)
DZ018CHL050240K	Same as basic model except for output rating(5.0 Vdc, 2.4 A)
DZ018CHL050250K	Same as basic model except for output rating(5.0 Vdc, 2.5 A)
DZ018CHL050260K	Same as basic model except for output rating(5.0 Vdc, 2.6 A)
DZ018CHL050270K	Same as basic model except for output rating(5.0 Vdc, 2.7 A)
DZ018CHL050280K	Same as basic model except for output rating(5.0 Vdc, 2.8 A)
DZ018CHL050290K	Same as basic model except for output rating(5.0 Vdc, 2.9 A)
DZ018CHL050300K	Same as basic model except for output rating(5.0 Vdc, 3.0 A)
DZ018CHL050310K	Same as basic model except for output rating(5.0 Vdc, 3.1 A)
DZ018CHL050320K	Same as basic model except for output rating(5.0 Vdc, 3.2 A)
DZ018CHL055250K	Same as basic model except for output rating(5.5 Vdc, 2.5 A)
DZ018CHL055300K	Same as basic model except for output rating(5.5 Vdc, 3.0 A)
DZ018CHL055320K	Same as basic model except for output rating(5.5 Vdc, 3.2 A)
DZ018CHL058200K	Same as basic model except for output rating(5.8 Vdc, 2.0 A)
DZ018CHL058300K	Same as basic model except for output rating(5.8 Vdc, 3.0 A)
DZ018CHL060180K	Same as basic model except for output rating(6.0 Vdc, 1.8 A)
DZ018CHL060200K	Same as basic model except for output rating(6.0 Vdc, 2.0 A)
DZ018CHL060220K	Same as basic model except for output rating(6.0 Vdc, 2.2 A)
DZ018CHL060240K	Same as basic model except for output rating(6.0 Vdc, 2.4 A)
DZ018CHL060250K	Same as basic model except for output rating(6.0 Vdc, 2.5 A)
DZ018CHL060270K	Same as basic model except for output rating(6.0 Vdc, 2.7 A)
DZ018CHL060280K	Same as basic model except for output rating(6.0 Vdc, 2.8 A)
DZ018CHL065200K	Same as basic model except for output rating(6.5 Vdc, 2.0 A)
DZ018CHL065230K	Same as basic model except for output rating(6.5 Vdc, 2.3 A)
DZ018CHL065250K	Same as basic model except for output rating(6.5 Vdc, 2.5 A)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
DZ018CHL070150K	Same as basic model except for output rating(7.0 Vdc, 1.5 A)
DZ018CHL070180K	Same as basic model except for output rating(7.0 Vdc, 1.8 A)
DZ018CHL070200K	Same as basic model except for output rating(7.0 Vdc, 2.0 A)
DZ018CHL070250K	Same as basic model except for output rating(7.0 Vdc, 2.5 A)
DZ018CHL075150K	Same as basic model except for output rating(7.5 Vdc, 1.5 A)
DZ018CHL075200K	Same as basic model except for output rating(7.5 Vdc, 2.0 A)
DZ018CHL075240K	Same as basic model except for output rating(7.5 Vdc, 2.4 A)
DZ018CHL080150K	Same as basic model except for output rating(8.0 Vdc, 1.5 A)
DZ018CHL080180K	Same as basic model except for output rating(8.0 Vdc, 1.8 A)
DZ018CHL080200K	Same as basic model except for output rating(8.0 Vdc, 2.0 A)
DZ018CHL084100K	Same as basic model except for output rating(8.4 Vdc, 1.0 A)
DZ018CHL084120K	Same as basic model except for output rating(8.4 Vdc, 1.2 A)
DZ018CHL084150K	Same as basic model except for output rating(8.4 Vdc, 1.5 A)
DZ018CHL084180K	Same as basic model except for output rating(8.4 Vdc, 1.8 A)
DZ018CHL084200K	Same as basic model except for output rating(8.4 Vdc, 2.0 A)
DZ018CHL085150K	Same as basic model except for output rating(8.5 Vdc, 1.5 A)
DZ018CHL085200K	Same as basic model except for output rating(8.5 Vdc, 2.0 A)
DZ018EHL050200H	Same as basic model except for output rating(5.0 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL050210H	Same as basic model except for output rating(5.0 Vdc, 2.1 A) and Input type(detachable plug)
DZ018EHL050220H	Same as basic model except for output rating(5.0 Vdc, 2.2 A) and Input type(detachable plug)
DZ018EHL050230H	Same as basic model except for output rating(5.0 Vdc, 2.3 A) and Input type(detachable plug)
DZ018EHL050240H	Same as basic model except for output rating(5.0 Vdc, 2.4 A) and Input type(detachable plug)
DZ018EHL050250H	Same as basic model except for output rating(5.0 Vdc, 2.5 A) and Input type(detachable plug)
DZ018EHL050260H	Same as basic model except for output rating(5.0 Vdc, 2.6 A) and Input type(detachable plug)
DZ018EHL050270H	Same as basic model except for output rating(5.0 Vdc, 2.7 A) and Input type(detachable plug)
DZ018EHL050280H	Same as basic model except for output rating(5.0 Vdc, 2.8 A) and Input type(detachable plug)
DZ018EHL050290H	Same as basic model except for output rating(5.0 Vdc, 2.9 A) and Input type(detachable plug)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
DZ018EHL050300H	Same as basic model except for output rating(5.0 Vdc, 3.0 A) and Input type(detachable plug)
DZ018EHL050310H	Same as basic model except for output rating(5.0 Vdc, 3.1 A) and Input type(detachable plug)
DZ018EHL050320H	Same as basic model except for output rating(5.0 Vdc, 3.2 A) and Input type(detachable plug)
DZ018EHL055250H	Same as basic model except for output rating(5.5 Vdc, 2.5 A) and Input type(detachable plug)
DZ018EHL055300H	Same as basic model except for output rating(5.5 Vdc, 3.0 A) and Input type(detachable plug)
DZ018EHL055320H	Same as basic model except for output rating(5.5 Vdc, 3.2 A) and Input type(detachable plug)
DZ018EHL058200H	Same as basic model except for output rating(5.8 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL058300H	Same as basic model except for output rating(5.8 Vdc, 3.0 A) and Input type(detachable plug)
DZ018EHL060180H	Same as basic model except for output rating(6.0 Vdc, 1.8 A) and Input type(detachable plug)
DZ018EHL060200H	Same as basic model except for output rating(6.0 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL060220H	Same as basic model except for output rating(6.0 Vdc, 2.2 A) and Input type(detachable plug)
DZ018EHL060240H	Same as basic model except for output rating(6.0 Vdc, 2.4 A) and Input type(detachable plug)
DZ018EHL060250H	Same as basic model except for output rating(6.0 Vdc, 2.5 A) and Input type(detachable plug)
DZ018EHL060270H	Same as basic model except for output rating(6.0 Vdc, 2.7 A) and Input type(detachable plug)
DZ018EHL060280H	Same as basic model except for output rating(6.0 Vdc, 2.8 A) and Input type(detachable plug)
DZ018EHL060300H	Same as basic model except for output rating(6.0 Vdc, 3.0 A) and Input type(detachable plug)
DZ018EHL065200H	Same as basic model except for output rating(6.5 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL065230H	Same as basic model except for output rating(6.5 Vdc, 2.3 A) and Input type(detachable plug)
DZ018EHL065250H	Same as basic model except for output rating(6.5 Vdc, 2.5 A) and Input type(detachable plug)
DZ018EHL070150H	Same as basic model except for output rating(7.0 Vdc, 1.5 A) and Input type(detachable plug)
DZ018EHL070180H	Same as basic model except for output rating(7.0 Vdc, 1.8 A) and Input type(detachable plug)
DZ018EHL070200H	Same as basic model except for output rating(7.0 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL070250H	Same as basic model except for output rating(7.0 Vdc, 2.5 A) and Input type(detachable plug)
DZ018EHL075150H	Same as basic model except for output rating(7.5 Vdc, 1.5 A) and Input type(detachable plug)

파생모델명 Derivative model	기본모델과의 차이점 Differences between the basic and derivative model(s)
DZ018EHL075200H	Same as basic model except for output rating(7.5 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL075240H	Same as basic model except for output rating(7.5 Vdc, 2.4 A) and Input type(detachable plug)
DZ018EHL080150H	Same as basic model except for output rating(8.0 Vdc, 1.5 A) and Input type(detachable plug)
DZ018EHL080180H	Same as basic model except for output rating(8.0 Vdc, 1.8 A) and Input type(detachable plug)
DZ018EHL080200H	Same as basic model except for output rating(8.0 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL084100H	Same as basic model except for output rating(8.4 Vdc, 1.0 A) and Input type(detachable plug)
DZ018EHL084120H	Same as basic model except for output rating(8.4 Vdc, 1.2 A) and Input type(detachable plug)
DZ018EHL084150H	Same as basic model except for output rating(8.4 Vdc, 1.5 A) and Input type(detachable plug)
DZ018EHL084180H	Same as basic model except for output rating(8.4 Vdc, 1.8 A) and Input type(detachable plug)
DZ018EHL084200H	Same as basic model except for output rating(8.4 Vdc, 2.0 A) and Input type(detachable plug)
DZ018EHL085150H	Same as basic model except for output rating(8.5 Vdc, 1.5 A) and Input type(detachable plug)
DZ018EHL085200H	Same as basic model except for output rating(8.5 Vdc, 2.0 A) and Input type(detachable plug)

제품특기사항 및 시험조건
Remarks & Test conditions

1. Test Report Ref. No. : 20-026047-01-2

2. Product Description

- Measured power consumption: 22.30 W
- Class of equipment: Class II
- Protection against ingress of water: IPX0
- Mass of equipment (kg): 0.088 kg
- Input rating: 100 V – 240 V~, 50/60 Hz, 0.5 A(Output: 6 Vdc, 3.0 A)

본 제품의 시험내용에 관하여 문의하실 사항이 있으시면 아래 연락처로 문의하시기 바랍니다.
시험 담당자 : BK 전략본부 정보조명평가센터 이 웅 / (02)860-1408

If you have any question on product testing, please contact the person below :
Job holder: BK Strategy Division, IT & Lighting Testing Center, W. LEE / +82 2 860-1408

FP511-05

첨부 3 : 안전인증의 변경 현황
Revisions Status

변경발급 내용
Contents of Certificate Revisions

Not applicable

FP511-06