

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	AC/DC Switching Power Supply
Name and address of the applicant	Shenzhen RBD Technology Corporation Bldg A3, North Area 2, Fuqiao Industrial Zone, Fuyong Town, Bao'an District, Shenzhen, 518103 Guangdong, P.R. China
Name and address of the manufacturer	Shenzhen RBD Technology Corporation Bldg A3, North Area 2, Fuqiao Industrial Zone, Fuyong Town, Bao'an District, Shenzhen, 518103 Guangdong, P.R. China
Name and address of the factory	Shenzhen RBD Technology Corporation Bldg A3, North Area 2, Fuqiao Industrial Zone, Fuyong Town, Bao'an District, Shenzhen, 518103 Guangdong, P.R. China
Ratings and principal characteristics	Input : AC 100-240V; 50/60Hz; 1.5A; Class II; Output: refer to the test report.
Trademark (if any)	rbd
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	WEFRA62z-xxxxxy, W68RA628-320021A, W68RA629-320021A (EF, z, xxx and yyy, refer to the test report.)
Additional information (if necessary may also be reported on page 2)	For model differences, refer to the test report. Re-issue of JPTUV-099246 dated 06.08.2019. due to first modification.
A sample of the product was tested and found to be in conformity with	IEC 60335-1:2010 + A1 + A2 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	50265083 002

This CB Test Certificate is issued by the National Certification Body

Shenzhen RBD Technology Corporation

Date : 21.04.2020
Our ref. : ZX SZ
Your ref.: 168257958

Bldg A3, North Area 2, Fugiao
Industrial Zone, Fuyong Town
Bao'an District
Shenzhen
518103 Guangdong
P.R. China

Ref : CB Certificate Japan

Type of Equipment : AC/DC Switching Power Supply
Model Designation : See Certificate
Certificate No. : JPTUV-099246-M1
Report No. : 50265083 002

Dear Ladies and Gentlemen,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

Tim Feng

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

General product information:

- The appliance is AC/DC Switching Power Supply for indoor and household use, the maximum ambient temperature during use of the appliance not exceed 40°C.
- Bottom enclosure is fixed to top enclosure by ultrasonic welding for models WEFRA628-xxxxyy and W68RA628-320021A; Bottom enclosure is fixed to top enclosure by screws for models WEFRA629-xxxxyy and W68RA629-320021A.
- Models WEFRA62z-xxxxyy, W68RA628-320021A and W68RA629-320021A have the same circuit and with different enclosure, refer to the below of difference and photo document for details.

Table A: Definition of variables for model WEFRA62z-xxxxyy:

Variable:	Content:
EF=01-99	For marketing purpose;
z=8 or 9	8 represent small enclosure without battery compartment; 9 represent big enclosure with compartment for 2x9V Non-chargeable Alkaline battery that only used for providing supply power to output, when disconnect to supply mains.
xxx=240, 290 or 320	represent output voltage: 24V, or 29V, or 32V; for example: 240 means 24V; 290 means 29V; 320 means 32V;
yyy=010-025	represent the output current in ampere after dividing by 10 in a step of 0.1A, for example, "010" means 1.0A, "025" means 2.5A.

Table B: Model list and output rating

Model No.	Input rating	Output voltage (Vdc)	Output current (A)	Max. output power (W)
WEFRA62z-xxxxyy	100-240V~, 50/60Hz, 1.5A	24.0	1.5-2.5	60.0
		29.0	1.0-2.0	58.0
		32.0	1.5-2.1	67.2
32.0		2.12	67.84	
W68RA628-320021A, W68RA629-320021A				

Table C: Model differences:

- There are two kinds of heatsink HS2 (HS2-1: 32*22*7.5mm and HS2-2: 36*20*10.5mm), two kinds of inductor LF1 and two types RC combination for all models;

- Other model differences as below:

Component part No.	Models					
	WEFRA628-240yyy	WEFRA629-240yyy	WEFRA628-290yyy	WEFRA629-290yyy	WEFRA628-320yyy, W68RA628-320021A	WEFRA629-320yyy, W68RA629-320021A

EC1	47-100 μ F, Min. 400V		56-100 μ F, Min. 400V		68-100 μ F, Min. 400V	
R39	82K-2.2M Ω , Min. 1/16W		0.1-3M Ω , Min. 1/16W		0.1-3.6M Ω , Min. 1/16W	
R40	9.1-150K Ω , Min. 1/16W		9.1-200K Ω , Min. 1/16W		9.1-240K Ω , Min. 1/16W	
R41	91K-10M Ω , Min. 1/16W		0.1-10M Ω , Min. 1/16W		0.1-10M Ω , Min. 1/16W	
D6, D7	--	used	--	used	--	used
D5	--	used	--	used	--	used
EC4	--	used	--	used	--	used
R27	--	used	--	used	--	used
R28	used	--	used	--	used	--

Modification 1 based on report original report 50265083 001:

- Adding new PCB, which are identical with previous PCB construction in report 50265083 001 except as below:

Original PCB	--	CY1&CY2: max. 2200pF	EC1: 56-100 μ F	LF1: 326-TD1212, 326-UT2015
New PCB	Adding capacitor CC1	CY1&CY2: max. 3300pF	EC1: 47-120 μ F	LF1: TD-1515, TD1515, 326- TD1212, 326-UT2015

- Others remain unchanged.