



Ref. Certif. No.

DE 2-029330

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, 518103
Shenzhen, 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, 518103
Shenzhen, 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, 518103
Shenzhen, 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-xxxxyyy, 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.

A sample of the product was tested and found to be in conformity with

IEC 61558-2-16:2009+A1
IEC 61558-1:2017
for national differences see test report

As shown in the Test Report Ref. No. which forms part of this Certificate

60410049 001

This CB Test Certificate is issued by the National Certification Body



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Signature:

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

| Variable: | Content: |
|---------------------|---|
| EF=01-99 | For marketing purpose; |
| z=8 or 9 | 8 represent small enclosure (Type A) 9 represent big enclosure (Type B) |
| 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-xxxxyyy | 100-240V~, 50/60Hz, 1.5A | 24.0 | 1.5-2.5 | 60.00 |
| | | 29.0 | 1.0-2.0 | 58.00 |
| | | 32.0 | 1.5-2.1 | 67.20 |
| W68RA628-320021A, W68RA629-320021A | 100-240V~, 50/60Hz, 1.5A | 32.0 | 2.12 | 67.84 |

Table C: Model differences:

- There are two kinds of heatsink HS2 (HS2-1: 32*22*7.5mm and HS2-2: 36*20*10.5mm), three kinds of inductor LF1, two kinds of enclosure (type A and type B) 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 | 47-100µF, Min. 400V | | 56-100µF, Min. 400V | | 68-120µF, Min. 400V | |
| R39 | 82K-2.2MΩ, Min.1/16W | | 0.1-3MΩ, Min.1/16W | | 0.1-3.6MΩ, Min.1/16W | |
| R40 | 9.1-150KΩ, Min.1/16W | | 9.1-200KΩ, Min.1/16W | | 9.1-240KΩ, Min.1/16W | |
| R41 | 91K-10MΩ, Min.1/16W | | 0.1-10MΩ, Min.1/16W | | 0.1-10MΩ, Min.1/16W | |
| D6, D7 | -- | used | -- | used | -- | used |
| D5 | -- | used | -- | used | -- | used |
| EC4 | -- | used | -- | used | -- | used |
| R27 | -- | used | -- | used | -- | used |
| R28 | used | -- | used | -- | used | -- |
| BD1 | Min 2A, min. 400V | | | Min. 4A, min. 400V | | |