



Ref. Certif. No.

SE-79537A1/M3

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

CB TEST CERTIFICATE

Product

Power supply unit

Name and address of the applicant

Powerbox AB
Västra Storgatan 22
SE-646 35 Gnesta, Sweden

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Note: When more than one factory, please report on page 2

AMC Electronics Manufactory
Yangtian Rd, Longhe Industrial Zone
Longgang Town, Longgang District, Shenzhen
Guangdong Province, Shenzhen, CHINA

Ratings and principal characteristics

See page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

OFM225

Additional information (if necessary may also be reported on page 2)

See page 2

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

IEC 60601-1:2005 + A1

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

1715942STO-001

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00



Signature:

Bo Berglöf
Bo Berglöf

Date: 1 November 2017

151W

Additional information

This certificate replaces previous CB SE-79537A1/M2 dated 12 June 2017.

A new certificate has been issued due to the following:

- Editorial update of the report
- New fuses
- Changed output power for each PSU
- Revised insulation diagram
- Re-design of the transformers
- New input test
- New heating test
- Additional SFC
- Updated critical component list

OFM225 is a power supply unit (PSU) intended to be built into MEE that can be used in both hospital and home care environments.

All isolations, including the isolation between the primary and the secondary circuit, has been evaluated for MOPP requirements.

Models and Rating

Input: 100-240VAC, 47-63Hz, 4A

Output:

OFM225 5228: 24VDC, 7.88A or 9.375A with forced air 12CFM
OFM225 5226: 15VDC, 7.2A or 9.9A with forced air 12CFM
OFM225 5225: 12VDC, 6A or 12A with forced air 12CFM
OFM225 5228-02: 24VDC, 7.88A or 9.375A with forced air 12CFM
OFM225 5226-02: 15VDC, 7.2A or 9.9A with forced air 12CFM
OFM225 5225-02: 12VDC, 6A or 12A with forced air 12CFM

Models ending with -02 are intended to be built into permanently installed equipment.

Home care environment

The PSU is intended for home care appliances, but a full report for IEC 60601-1-11 was judged not applicable. However, IEC 60601-1-11 was considered during the evaluation and the following tests were performed:

- For applicable requirements, voltage was 85% instead of 90% (sub clause 4.1)
- Environmental conditions (sub clause 4.2)
- Shock and vibrations (sub clause 10.1.2), see also CoA in the Test Report

The product is also in conformity with the following collateral standard:

- Applicable requirements of IEC 60601-1-2:2007 as shown in Test Reports No. 1407062-1 and 1516032STO-001

The product is also in conformity with the following standards:

- ANSI/AAMI ES60601-1: 2005 / A2:2010 as shown in Test Report No. 1715942STO-001
- CAN/CSA-C22.2 No. 60601-1:08 as shown in Test Report No. 1715942STO-001

The following have not been evaluated by Intertek Semko AB:

- RMF and Usability (IEC 60601-1-6) has been excluded since the PSU not is considered as an end-use product
- RMF and Usability shall be evaluated in the end-use application.

Conditions of Acceptability:

- Intended to be built into an end-use product, thus several clauses and sub clauses are not applicable and shall be checked in the end-use application (see Test Report for details)
- It is anticipated that the end-product manufacturer will have access to the above stated condition

Date: 1 November 2017

Signature: 

ELW