



Ref. Certif. No.

SE-90158

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

CB TEST CERTIFICATE

Product

Building-in power supply

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

100-240Vac, 50/60Hz, max 2.0A
Output: 12-24Vdc, 8.3-4.2A, max 100VA With forced cooling (6.6 CFM)
Output: 12-24Vdc, 5.8-3.3A, max 80VA Without forced cooling
Class I, Ta 50°C
See also page 2.

Trademark (if any)

powerbox

Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

OFM 100 51**

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 and A1

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

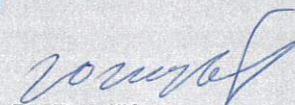
1716332STO-001

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

Intertek

Signature:


Bo Berglöf

Date: 14 March 2018

Additional information (if necessary)

This certificate replaces previous CB SE-68659 dated 17 April 2012.

A new certificate has been issued due to the following:

- Updated edition of standard
- Revised insulation diagram
- Updated critical component list

The product is also in conformity with the following standards:

- ANSI/AAMI ES60601-1: 2005 + A1 as shown in Test Report No. 1716332STO-001
- CAN/CSA-C22.2 No. 60601-1:2014 as shown in Test Report No. 1716332STO-001

Models and ratings

4 models included in the OFM 100 51**series and the models have following ratings.

OFM 100 5125 12VDC max 8.3A

OFM 100 5126 15VDC max 6.7A

OFM 100 5127 18VDC max 5.5A

OFM 100 5128 24VDC max 4.2A

Considerations for end-use application/conditions of acceptability:

-The product is not considered an end use product, thus the Risk Management File shall be checked in end product.

-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 product (see test report for details).

- The PSU has been evaluated for pollution degree 2 with one means of patient protection (1MOPP), between input (primary) and PE; and two means of patient protection (2MOPP) between input (primary) and output (secondary). Under normal and single fault conditions, the outputs do not exceed 42,4 Vpk ac or 60 V dc. The suitability of protection against electrical hazards shall be subject for evaluation in the end-use product.

-The PSU has been tested for an altitude of max. 3000 m.

-A suitable fire and electrical enclosure shall be provided and subject to the tests in the end-use application. Insulated wire, connectors, PCBs and insulating materials on which components are mounted are rated FV-2 or better.

- It is anticipated that the end-product manufacturer will have access to the above stated conditions.

Date: 14 March 2018

Signature: 