



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 2529</b>	7-Nov-2011	Number 3	Issue date 1-May-2016	30-Apr-2017

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## Product designation

**Exit, Model EXI3786PHM2, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Omega Power Equipment Pty Ltd  
47 Bennet Street, DANDENONG, VIC, AUSTRALIA, 3175

## Registrant

Xiamen Vs-Top Electronics Co. Ltd  
6th floor, Jinzhongda Park No.666 Yangguang Road, Haicang Xinyang Industrial District, XIAMEN, CHINA, 361026

### Producer

Xiamen Vs-Top Electronics Co. Ltd  
6th floor, Jinzhongda Park No.666 Yangguang Road, Haicang Xinyang Industrial District, XIAMEN, CHINA, 361026

## Conformance criteria and evaluation

The Exit, Model EXI3786PHM2, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001) / Amdt 4 (22 April 2004).

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

  
David Whittaker

Executive Officer – ActivFire Scheme



# Schedule to Certificate of Conformity

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## Producer's description

The Exit, Model EXI3786PHM2, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm is an externally energized device. The smoke alarm primary power supply is an external 240 Vac supply. The smoke alarm includes a standby power supply from a non-rechargeable battery.

An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised. A self test facility is provided by means of a button. If the button is depressed an alarm signal is emitted

The product incorporates a 'hush button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 9 minutes, at which time the smoke alarm automatically returns to normal operation.

The product is circular in shape. It is approximately 130 mm diameter with a height of 45 mm. It clips into a circular mounting base with two holes for screws.

## Technical specification

The following details are a representative extract of the technical specification for the Exit, Model EXI3786PHM2, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

<b>Sensing type:</b>	Photoelectric
<b>Main power source:</b>	220 Vac — 240 Vac 50 Hz
<b>Secondary power source:</b>	9 Vdc, carbon or alkaline battery
<b>Operating current:</b>	40mA
<b>Recommended replacement battery:</b>	Golden Power #G6F22
	Duracell MN1604
	Eveready (Energizer) #522 or 1222
<b>Operating temperature:</b>	4° to 40° C
<b>Ambient humidity</b>	10% to 90 %
<b>Interconnecting:</b>	up to 40 alarms over 150 metres maximum
<b>Horn level:</b>	85 db at three metres minimum
<b>Visual indicators:</b>	Green LED for mains power ON
	Red LED for warning and low battery indication

## Supplementary information

### Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report No.	XF2645/R1	Conformity Evaluation of the EXIT Model EXI3786PHM2 Photoelectric Smoke Alarm to the requirements of AS 3786-1993 (Incorporating Amendments 1, 2, 3 and 4) 'Smoke Alarms'	29-Sep-2011	CSIRO, Materials Science and Engineering, Fire Systems, AU