

# TOKIN

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## Technical Compliance Statement

No. ATM-E99025

The following products has been tested by us with the listed standards and found in compliance with the council EMC directive 89/336/EEC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

**Submitter** : FSP Group Inc.  
6F-1, No. 487, To-Yu Rd., Taoyuan City,  
Taiwan, R.O.C.

**Product** : Switching Power Supply  
M/N (1)FSP250-60BN (4)FSP330-60BT  
(2)FSP250-60BT (5)FSP350-60BN  
(3)FSP330-60BN (6)FSP350-60BT

| Test Standards     |  |
|--------------------|--|
| EN 55022/1994      | Limits and methods of measurement of radio disturbance characteristics of information technology equipment   |
| EN 60555-2/1987    | Part 3 : Limits-Section 2 : Limits for harmonic current emission (equipment input current $\leq 16A$ per phase)                                      |
| EN 61000-3-3/1995  | Part 3 : Limits-Section 3 : Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current $\leq 16A$ |
| EN 50082-1/1997    | Electromagnetic compatibility-Generic immunity standard  |
| EN 61000-4-2/1995  | Electrostatic discharge immunity test  |
| EN 61000-4-3/1996  | Radio-frequency electromagnetic field  |
| ENV 50204/1995     | Radiated electromagnetic field from digital radio telephones   |
| EN 61000-4-4/1995  | Electrical fast transient / burst immunity test  |
| EN 61000-4-5/1995  | Surge immunity test  |
| EN 61000-4-6/1996  | Immunity to conducted disturbances, induced by radio frequency fields  |
| EN 61000-4-11/1994 | Voltage dips, short interruptions and voltage variations immunity test   |



*Jackie Deng* 3/19/99  
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Jackie Deng  
Assistant G.M.

The verification is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

## TEST REPORT VERIFICATION

Applicant : FSP Group Inc.  
 Manufacturer #1 : Shenzhen Huili Elec. Co., Ltd.  
 Manufacturer #2 : Wellex Technology Co., Ltd.  
 Manufacturer #3 : Fortron/Source (China) Corp.  
 EUT Description : Switching Power Supply  
 (A) MODEL NO. : (1)FSP250-60BN (4)FSP330-60BT  
                   (2)FSP250-60BT (5)FSP350-60BN  
                   (3)FSP330-60BN (6)FSP350-60BT  
 (B) SERIAL NO. : N/A  
 (C) POWER SUPPLY : AC 230V/50Hz

## Measurement Procedure Used:

EN55022/1994, EN 60555-2/1987 and 61000-3-3/1995  
 EN 50082-1/1997 (EN 61000-4-2/1995, EN 61000-4-3/1996, ENV 50204/1995,  
                   EN 61000-4-4/1995, EN 61000-4-5/1995, EN 61000-4-6/1996 and  
                   EN 61000-4-11/1994)

The device described above are tested by Taiwan Tokin EMC Eng. Corp. to determine the maximum emission levels emanating from the device and the severity levels of the device endured and its performance criterion. The measurement results were contained in this test report and Taiwan Tokin EMC Eng. Corp. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the EN 55022 official limits and EN 60555-2 and 61000-3-3 EN50082-1 official requirement.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Taiwan Tokin EMC Eng. corp.

Date of Test : Feb. 23 ~ Mar. 10, 1999

Prepared by : Kitty Ni 3/99  
 (KITTY NI)

Test Engineer : Ben Cheng 3/99  
 (BEN CHENG)

Approve & Authorized Signer : Jackie Deng 3/99  
 (JACKIE DENG)