



File E149685

Vol 1

Issued: 1992-08-17  
Revised: 2009-04-13

FOLLOW-UP SERVICE PROCEDURE  
(TYPE R)

COMPONENT - POWER SUPPLIES, MEDICAL AND DENTAL  
(QQHM2)

Manufacturer: ELPAC ELECTRONICS (SHENZHEN) INC  
(940730-001) MINLIDA IND GARDEN, SAST BLDG,3RD FL S  
HONGHUALING IND ZONE  
NANSHAN, XILI TOWN  
SHENZHEN,  
GUANGDONG 518055 CHINA

Applicant: INTERNATIONAL COMPONENTS CORP-DESIGN  
(100408-596) CENTER  
3RD FL, WESTERN CHANGHUA BLDG  
929 XING YE RD, NANCUN TOWN  
PANYU  
GUANGZHOU 511442 GUANGDONG CHINA

Recognized Company: INTERNATIONAL COMPONENTS CORP (E329536)  
(171557-001) SUITE 900  
4 WESTBROOK CORPORATE CENTER  
WESTCHESTER IL 60154

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc.(UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Services Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. (UL) or any authorized licensee of UL, upon request.

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Underwriters Laboratories Inc.

Stephen Hewson  
Senior Vice President  
Global Follow-Up Service Operations

William R. Carney  
Director  
North American Certification Program

## **COVER PAGE FOR TEST REPORT**

|   |   |                               |              |
|---|---|-------------------------------|--------------|
| Product Category:   | Power Supplies, Medical and Dental  |                               |              |
| Product Category CCN:   | QQHM2, QQHM8  |                               |              |
| Test Procedure:   | Component Recognition   |                               |              |
| Product:  | Switch Mode Power Supply  |                               |              |
| Model/Type Reference:   | MW24 Series: MW2412, MW2415, MW2418, and MW2424   |                               |              |
| Rating(s):  | Model:  | Input:                        | Output (dc): |
|   | MW2412  | 100-240 V ac, 0.7 A, 47-63 Hz | 12 V, 2.0 A  |
|   | MW2415  | 100-240 V ac, 0.7 A, 47-63 Hz | 15 V, 1.6 A  |
|   | MW2418  | 100-240 V ac, 0.7 A, 47-63 Hz | 18 V, 1.33 A |
|   | MW2424  | 100-240 V ac, 0.7 A, 47-63 Hz | 24 V, 1.0 A  |
| Standards:  | UL 60601-1, 1st Edition, 2006-04-26 (Medical Electrical Equipment, Part 1:<br>General Requirements for Safety)<br>CAN/CSA-C22.2 No. 601.1-M90, 2005 (Medical Electrical Equipment - Part 1:<br>General Requirements for Safety) |                               |              |
| Applicant Name and Address:   | ELPAC ELECTRONICS INC<br>1562 REYNOLDS AVE<br>IRVINE CA 92614<br>UNITED STATES  |                               |              |
| This Report includes the following parts, in addition to this cover page: |   |                               |              |
|   | 1. Specific Inspection Criteria   |                               |              |
|   | 2. Specific Technical Criteria  |                               |              |
|   | 3. Clause Verdicts  |                               |              |
|   | 4. Critical Components  |                               |              |
|   | 5. Test Results   |                               |              |
|   | 6. National Differences   |                               |              |
|   | 7. Enclosures   |                               |              |

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

Test Report By:



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Underwriters Laboratories Inc.

Reviewed By:



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Underwriters Laboratories Inc.