



Ref. Certif. No.

DE 3 - 54824

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

Name and address of the factory
Nom et adresse de l'usine

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

Trade mark (if any)
Marque de fabrique (si elle existe)

Model/type Ref.
Ref. de type

Additional information (if necessary)
Information complémentaire (si nécessaire)

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

Un échantillon de ce produit a été essayé et a été
considéré conforme à la

as shown in the Test Report Ref. No.
which form part of this certificate
comme indiqué dans le Rapport d'essais numéro
de référence qui constitue une partie de ce
certificat

Power supplies
Brick Style Power Supplies

XP Power
305 Foster Street
Littleton MA 01460, USA

XP Power, 305 Foster Street, Littleton MA 01460, USA

XP Power, 305 Foster Street, Littleton MA 01460, USA

Rated Input Voltage: 100-240 V AC
Rated Frequency: 50/60 Hz
Rated Input Current: 1.5-0.75 A
Rated Output Voltage: 12 V DC to 48 V DC
Rated Output Power: 60 W
Protection Class: II

XP Power

PDM60US12, PDM60US15, PDM60US18, PDM60US24,
PDM60US30, PDM60US36, PDM60US48

CBTL Procedure

IEC 60950-1:2001

TÜV SÜD Product Service
090-602005-000

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date: 2006-07-25
CB 06 07 57271 008

Joseph Janeliunas

TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München



Product Service

Technical Report No. 090-602005-000

Rev. 0

Dated 2006-07-05

Client: XP Power
305 Foster Street,
Littleton, MA 01460
USA

Manufacturing place: XP Power
305 Foster Street,
Littleton, MA 01460
USA

Test subject: Product: Brick Style Power Supplies

Type: PDM60US12, PDM60US15, PDM60US18, PDM60US24,
PDM60US 30, PDM60US36 and PDM60US48

Test specification: EN 60950-1:2001, IEC 60950-1 2001

Purpose of examination: Test according to the test specification

Test result: *Positive:* The test subject was found to be in compliance with
• the mentioned test specification

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

1 Description of the test subject

1.1 Function

Brick Style Power Supplies

The power supplies are contained in plastic enclosures of nominal dimensions 133mm x 64mm x 44mm and are fitted with a Class II appliance inlet, in accordance with IEC320, for connection to the mains supply. The input is multi ranging from 100 to 240VAC and the output voltages are 12, 15, 18, 24, 30, 36 and 48 VDC at up to 60Watts

1.2 Technical Data

Input: 100 - 240VAC, 1.5-0.75A, 50/60Hz

Output: 12VDC to 48VDC, 60Watts

2. Order

2.1 Date of Purchase Order, Customer's Reference

2006-04-03; PO# Pre-payment

2.2 Receipt of Test Sample, Location

2006-04-03: TUV Product Service, 5 Cherry Hill Drive, Danvers, MA 01923, USA

2.3 Date of Testing

2006-04-03 through 2006-06-18

2.4 Location of Testing

TUV Product Service, 5 Cherry Hill Drive, Danvers, MA 01923, USA

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3. Test Results

3.1 Positive Test Results

- Electrical safety
EN 60950-1:2001, IEC 60950-1 2001

3.2 Points of non-compliance according to the test specification

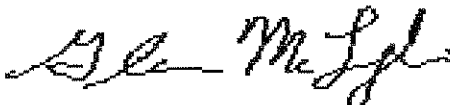
None


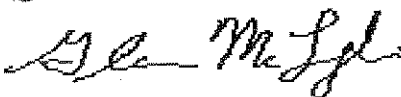

4. Remark 4.1 Remarks to Factory *(necessary)*

The assembly of the product has to comply with the documentation (CDF). Before the implementation of safety relevant modifications to the product into the ongoing production the product must be assessed for acceptance. The results must be implemented to the documentation and if necessary the certificate must be updated. The final inspections in the production are described in EN 50116. If fluctuations in production quality in a production facility are to be expected it has to be pondered whether a shorter cycle of factory inspections must be applied. Causes therefore may be up directly to the manufacturer or arise from the environment in the country.

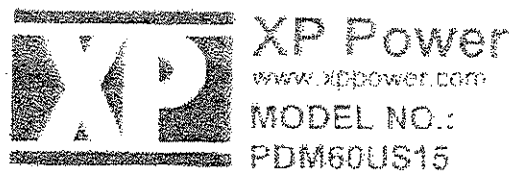
TÜV PRODUCT SERVICE GMBH

Engineer: 

Technical Report checked: 

| TEST REPORT IEC 60950-1 and/or EN 60950-1 Information technology equipment – Safety – Part 1: General requirements | |
|--|---|
| Report reference No | 090-602005-000 |
| Tested by (printed name and signature) | Bill Stinson  |
| Approved by (printed name and signature) | Glenn McLaughlin  |
| Date of issue | 2006-07-05 |
| Testing Laboratory Name | TÜV Product Service |
| Address | 5 Cherry Hill, Danvers MA 01923, USA |
| Testing location | CBTL <input checked="" type="checkbox"/> CCATL <input type="checkbox"/> SMT <input type="checkbox"/> TMP <input type="checkbox"/> |
| Address | Same as above |
| Applicant's Name | XP Power |
| Address | 305 Foster Street, Littleton, MA 01460 |
| Test specification | |
| Standard..... | IEC 60950-1:2001 (1 st Edition) and/or EN 60950-1:2001 |
| Test procedure | CB/CCA –scheme |
| Non-standard test method | N/A |
| Test Report Form No. | IECEN60950_1B |
| TRF originator | SGS Fimko Ltd |
| Master TRF | dated 2003-03 |
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| Test item description | Brick Style Power Supplies |
| Trademark |  XP Power www.xppower.com |
| Manufacturer | XP Power , 305 Foster Street, Littleton, MA 01460 |
| Model and/or type reference | PDM60US12, PDM60US15, PDM60US18, PDM60US24, PDM60US30, PDM60US36 and PDM60US48 |
| Serial number | - |
| Rating(s)..... | Input – 100 - 240VAC, 1.5-0.75A, 50/60Hz Output – 12VDC to 48VDC, 60Watts |

Copy of marking plate

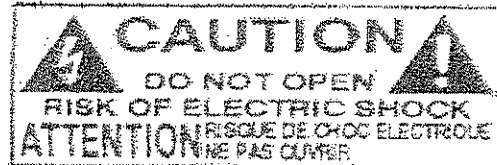


MAX POWER OUTPUT : 60W
INPUT : 100-240V-50/60Hz 1.5-0.75A
OUTPUT : 15V $\overline{\overline{\text{A}}}$ 4.0A max.

S/N



Indoor use only



PATENTED

MADE IN TAIWAN

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Summary of testing:

XP Power, power supplies, models: PDM60US12, PDM60US15, PDM60US18, PDM60US24, PDM60US30, PDM60US36 and PDM60US48 fulfill the requirements of IEC 60950-1:2001 (1st Edition) and/or EN 60950-1:2001

| |
|--|
| Particulars: test item vs. test requirements Equipment mobility : Transportable Operating condition : Continuous Mains supply tolerance (%)..... : -10 % to +6% Tested for IT power systems : No IT testing, phase-phase voltage (V) : N/A Class of equipment : Class II Mass of equipment (kg) : 0.375 kg Protection against ingress of water : IP20 |
| Test case verdicts Test case does not apply to the test object : N/A Test item does meet the requirement : P(ass) Test item does not meet the requirement .. : F(ail) |
| Testing Date of receipt of test item : 2006-04-03 Date(s) of performance of test : 2006-04-03 through 2006-06-18 |
| General remarks "This report is not valid as a CB Test Report unless appended by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 60384-102". The test result presented in this report relate only to the object(s) tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a comma (point) is used as the decimal separator. |
| General product information: The power supplies are contained in plastic enclosures of nominal dimensions 133mm x 64mm x 44mm and are fitted with a Class II appliance inlet, in accordance with IEC320, for connection to the mains supply. The input is multi ranging from 100 to 240VAC and the output voltages are 12, 15, 18, 24, 30, 36 and 48 VDC at up to 60Watts |