

# GS ZERTIFIKAT

**Zertifikat-Nr. / Certificate No.** GS-4109  
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**Ausstellungsdatum / Date of Issue** 2017-08-16

**Genehmigungsinhaber / Certificate Holder** XP POWER L L C  
15641 RED HILL AVE, SUITE 100 TUSTIN, CA 92780 USA

**Fertigungsstätte / Production site** XP POWER (VIETNAM) CO LTD  
LOT D – 4Q – CN MY PHUOC 3 INDUSTRIAL PARK BEN CAT  
DISTRICT BINH DUONG  
VIETNAM

**Zertifiziertes Produkt / Certified Product** Switching Brick Power Supply  
**Bezeichnung / Model** ALM120PSXXYY-ZZ##V  
See Page 2

**Nennspannung, Nennfrequenz / Rated Voltage, Frequency** See Page 2  
**Nennstrom, Nennleistung / Rated Current, Power** See Page 2

**Schutzklasse / Insulation Class** Special application – Functional Earthing  
**IP Klassifikation / Degree of protection (IP)** IPX0

**Geprüft nach / Tested acc. To** AfPS GS 2014:01 PAK, EK1-ITB 2000:2017 evaluated not relevant,  
EN 62368-1:2014

**Prüfbericht-Nr. / Test Report No.** E346017-4787976246-1 Correction 1 issued on 2017-08-15,  
E346017-4787976246-1 Original issued on 2017-07-28

**Anmerkungen / Additional**  
**Gültig bis / Expire date** 2022-08-15

**Zertifizierungsleiter / Certification Manager**

Jan-Erik Storgaard

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**Zertifizierer / Certification Body**

UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com  
www.ul-europe.com



# Anhang GS ZERTIFIKAT

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## Model Details:

ALM120PSXXYY-ZZ##V (where XX is any number between 12-24 designating output voltage and YY can be blank or "C2" designating Class II configuration, and -ZZ can be blank or "-A", "-6", "-6A", "-8", "-8A" designating AC inlet type, and V can be any alphanumeric or blank designating casing colour) Models may have an additional ## identifier which can be any alphanumeric or blank designating marketing purposes only.

## Ratings:

Input: 100-240 Vac, 50/60 Hz, 1.4 A

### Output:

ALM120PS12: 12 Vdc (10.1 - 13.5 Vdc), 10 A max., 120W max.;

ALM120PS15: 15 Vdc (13.5 - 17.0 Vdc), 8 A max., 120W max.;

ALM120PS19: 19 Vdc (17.1 - 21.0 Vdc), 6.32 A max., 120W max.;

ALM120PS24: 24 Vdc (21.0 - 26.0 Vdc), 5 A max., 120W max..

Zertifizierer / Certification Body

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**Dieses UL-GS Zeichen ist ohne Größenbegrenzung /**  
This UL-GS Logo has no size restrictions



**Dieses UL-GS Zeichen ist bis einer Zeichenhöhe von 20 mm zu**  
**verwenden /**  
This UL-GS Logo should have a max. height of 20 mm

Zertifizierer / Certification Body

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info.dk@ul.com  
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Product Service

# CERTIFICATE

No. B 057396 0520 Rev. 00

**Holder of Certificate:** **XP Power LLC.**  
15641 Red Hill Avenue, Suite 100  
Tustin CA 92780  
USA

**Certification Mark:**

**Product:** **Switching power supply unit**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 7191183725/01-TR

**Valid until:** 2023-09-04

**Date,** 2018-09-18

  
( Antony Young-Taylor )



Product Service

# CERTIFICATE

No. B 057396 0520 Rev. 00

**Model(s):**

ALM120PSXX-ZZ##V (where XX can be 12, 15, 19 or 24 designating output voltage and -ZZ can be blank or "-A", "-6", "-6A" designating AC inlet type, and V can be any alphanumeric or blank designating casing colour). Models may have an additional ## identifier which can be any alphanumeric or blank designating marketing purposes only.

**Brand Name:**

**XP Power**



**Parameters:**

Input Rated: 100-240 Vac, 50/60 Hz, 1.4 A  
Output Rated:  
ALM120PS12: 12 Vdc, 10 A max., 120 W max.;  
ALM120PS15: 15 Vdc, 8 A max., 120 W max.;  
ALM120PS19: 19 Vdc, 6.32 A max., 120 W max.;  
ALM120PS24: 24 Vdc, 5 A max., 120 W max.

**Conditions of Acceptability:**

- a) The output was not evaluated as patient connected circuits.
- b) Compliance with the requirements for EMC shall be evaluated for the end use product.
- c) These products have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
- d) The leakage current test shall be checked in end product.
- e) Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
- f) When the product is placed on the market, it must be accompanied with safety instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance.
- g) According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.
- h) The manufacturer/ Importer has to ensure the appliance placing on the EU market conforms to the applicable EU directives which provide the affixing of the CE marking, such as LVD, EMC, RoHS, ErP and so on.
- i) When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- j) See also Engineering Conditions of Acceptability in UL CB Report No.: E146893-D1020-1/A1/C0-CB.

**Tested according to:** EN 60601-1:2006/A12:2014

**Production**

059061, 059319, 071712, 089850

**Facility(ies):**

TÜV SÜD  
ZERTIFIKAT ♦ CERTIFICATE ♦ 認證書 ♦ CERTIFICADO ♦ CERTIFICAT

TÜV SÜD  
ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE



Product Service

# CERTIFICATE

No. B 057396 0521 Rev. 00

**Holder of Certificate:** **XP Power LLC.**  
15641 Red Hill Avenue, Suite 100  
Tustin CA 92780  
USA

**Certification Mark:**



**Product:** **Switching power supply unit**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 7191183725/02-TR

**Valid until:** 2023-09-17

**Date,** 2018-09-18 (Antony Young-Taylor)



Product Service

# CERTIFICATE

No. B 057396 0521 Rev. 00

## Model(s):

ALM120PSXXC2-ZZ##V (where XX can be 12, 15, 19 or 24 designating output voltage and -ZZ can be blank or "-8", "-8A" designating AC inlet type, and V can be any alphanumeric or blank designating casing colour). Models may have an additional ## identifier which can be any alphanumeric or blank designating marketing purposes only. Model name can also include suffix identifier -SF to indicate a Single Fuse supplied for Class II configurations only.

## Brand Name:

XP



## Parameters:

Input Rated: 100-240 Vac, 50/60 Hz, 1.4 A

Output Rated:

ALM120PS12C2: 12 Vdc, 10 A max., 120 W max.;

ALM120PS15C2: 15 Vdc, 8 A max., 120 W max.;

ALM120PS19C2: 19 Vdc, 6.32 A max., 120 W max.;

ALM120PS24C2: 24 Vdc, 5 A max., 120 W max.

## Conditions of Acceptability:

- The output was not evaluated as patient connected circuits.
- Compliance with the requirements for EMC shall be evaluated for the end use product.
- These products have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
- The leakage current test shall be checked in end product.
- Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
- When the product is placed on the market, it must be accompanied with safety instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance.
- According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.
- The manufacturer/ Importer has to ensure the appliance placing on the EU market conforms to the applicable EU directives which provide the affixing of the CE marking, such as LVD, EMC, RoHS, ErP and so on.
- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- See also Engineering Conditions of Acceptability in UL CB Report No.: E146893-D1020-1/A1/C0-CB.

**Tested according to:** EN 60601-1:2006/A12:2014

**Production** 059061, 059319, 071712, 089850

**Facility(ies):**