



Product Service

CERTIFICATE

No. Z1A 057396 0539 Rev. 00

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

Certification Mark:



Product: **Switch mode power supplies**

Tested according to: EN 62368-1:2014/A11:2017
AfPS GS 2014:01 PAK 3.1

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: 7191187900/03-TR

Valid until: 2024-01-17

Date, 2019-01-24

(KIM HOCK TEO)



Product Service

CERTIFICATE

No. Z1A 057396 0539 Rev. 00

Factories:

059061, 059319, 071712, 089850

Model(s):

ALM200PSXX-ZZ

- where XX can be 12, 15, 19, 24, 48 designating output voltage
- where -ZZ can be blank or -A, -6, -6A designating AC inlet
- Models may have additional identifier designating casing colour or for marketing purpose only.

Brand Name:

XP



Parameters:

Rated Input : 100-240 Vac, 2.4A, 50/60 Hz, Class I

Degree of Protection (IP): 32

Operating environment maximum temperature specified by the manufacturer is +40°C for full load condition and +60°C for load condition derating to 70W.

Rated output

ALM200PS12-ZZ: 12 Vdc, 16.7 A

ALM200PS15-ZZ: 15 Vdc, 13.4 A

ALM200PS19-ZZ: 19 Vdc, 10.6 A

ALM200PS24-ZZ: 24 Vdc, 8.4 A

ALM200PS48-ZZ: 48 Vdc, 4.2 A



Product Service

Nr. Z1A 057396 0539 Rev. 00

XP Power LLC.

Prüfzeichen:



Schaltmodusnetzgeräte

EN 62368-1:2014/A11:2017
AfPS GS 2014:01 PAK 3.1

7191187900/03-TR

2024-01-17

(KIM HOCK TEO)



Product Service

ZERTIFIKAT

Nr. Z1A 057396 0539 Rev. 00

Fertigungsstätte:

059061, 059319, 071712, 089850

Modell(e):

ALM200PSXX-ZZ

- wobei XX 12, 15, 19, 24, 48 sein kann und die Ausgangsspannung angibt.
- Dabei kann -ZZ leer sein oder -A, -6, -6A, was den AC-Eingang kennzeichnet.
- Modelle können zusätzliche Kennzeichnungen zur Kennzeichnung der Gehäusefarbe oder nur für Marketingzwecke haben.

Marke:

XP



Kenndaten:

Nenneingang: 100-240 Vac, 2.4 A, 50/60 Hz, Klasse I

Schutzart (IP): 32

Die vom Hersteller angegebene maximale Umgebungstemperatur beträgt +40°C für Volllastbetrieb und +60°C für Lastbetrieb auf 70W.

Nennleistung

ALM200PS12-ZZ: 12 Vdc, 16.7 A

ALM200PS15-ZZ: 15 Vdc, 13.4 A

ALM200PS19-ZZ: 19 Vdc, 10.6 A

ALM200PS24-ZZ: 24 Vdc, 8.4 A

ALM200PS48-ZZ: 48 Vdc, 4.2 A



Product Service

CERTIFICATE

No. Z1A 057396 0540 Rev. 00

Holder of Certificate: **XP Power LLC.**15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA**Certification Mark:****Product:****Switch mode power supplies****Tested according to:**EN 62368-1:2014/A11:2017
AfPS GS 2014:01 PAK 3.1

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.:

7191187900/04-TR

Valid until:

2024-01-17

Date,

2019-01-25

(KIM HOCK TEO)



Product Service

CERTIFICATE

No. Z1A 057396 0540 Rev. 00

Factories:

059061, 059319, 071712, 089850

Model(s):

ALM200PSXXC2-ZZ

- where XX can be 12, 15, 19, 24, 48 designating output voltage
- where -ZZ can be blank or -A, -8, -8A designating AC inlet
- Models may have additional identifier designating casing colour or for marketing purpose only.

Brand Name:

XP



Parameters:

Rated Input : 100-240 Vac, 2.4A, 50/60 Hz, Class II

Degree of Protection (IP): 32

Operating environment maximum temperature specified by the manufacturer is +40°C for full load condition and +60°C for load condition derating to 70W.

Rated output

ALM200PS12C2-ZZ: 12 Vdc, 16.7 A

ALM200PS15C2-ZZ: 15 Vdc, 13.4 A

ALM200PS19C2-ZZ: 19 Vdc, 10.6 A

ALM200PS24C2-ZZ: 24 Vdc, 8.4 A

ALM200PS48C2-ZZ: 48 Vdc, 4.2 A



Product Service

ZERTIFIKAT

Nr. Z1A 057396 0540 Rev. 00**Zertifikatsinhaber:****XP Power LLC.**15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA**Prüfzeichen:****Produkt:****Schaltmodusnetzgeräte****Geprüft nach:**EN 62368-1:2014/A11:2017
AfPS GS 2014:01 PAK 3.1

Das Produkt entspricht hinsichtlich der Gewährleistung von Sicherheit und Gesundheit den Anforderungen des deutschen Produktsicherheitsgesetzes § 20 bis 22 ProdSG. Es kann mit den oben abgebildeten Prüfzeichen gekennzeichnet werden. Eine Veränderung der Darstellung der Prüfzeichen ist nicht erlaubt. Die Übertragung eines Zertifikates durch den Zertifikatsinhaber an Dritte ist unzulässig. Das Zertifikat ist gültig bis zum angegebenen Zeitpunkt, sofern es nicht früher gekündigt wird. Umseitige Hinweise sind zu beachten.

Bericht Nr.:

7191187900/04-TR

Gültig bis:

2024-01-17

Datum,

2019-01-25

(KIM HOCK TEO)



Product Service

ZERTIFIKAT

Nr. Z1A 057396 0540 Rev. 00

Fertigungsstätte:

059061, 059319, 071712, 089850

Modell(e):

ALM200PSXXC2-ZZ

- wobei XX 12, 15, 19, 24, 48 sein kann und die Ausgangsspannung angibt.
- Dabei kann -ZZ leer sein oder -A, -8, -8A, was den AC-Eingang kennzeichnet.
- Modelle können zusätzliche Kennzeichnungen zur Kennzeichnung der Gehäusefarbe oder nur für Marketingzwecke haben.

Marke:

XP



Kenndaten:

Nenningang: 100-240 Vac, 2.4 A, 50/60 Hz, Klasse II

Schutzart (IP): 32

Die vom Hersteller angegebene maximale Umgebungstemperatur beträgt +40°C für Vollastbetrieb und +60°C für Lastbetrieb auf 70W.

Nennleistung

ALM200PS12C2-ZZ: 12 Vdc, 16.7 A

ALM200PS15C2-ZZ: 15 Vdc, 13.4 A

ALM200PS19C2-ZZ: 19 Vdc, 10.6 A

ALM200PS24C2-ZZ: 24 Vdc, 8.4 A

ALM200PS48C2-ZZ: 48 Vdc, 4.2 A



Product Service

CERTIFICATE

No. B 057396 0543 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.:

7191187900-EEC18/05-NCH

Valid until:

2024-01-23

Date, 2019-01-30

(Antony Young-Taylor)

No. B 057396 0543 Rev. 00

ALM200PSXX-ZZ##V (where XX can be 12, 15, 19, 24, 48 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 purpose only.

XP Power



Input: 100 – 240 V~, 2.4A, 50/60Hz, Class I
Output:

ALM200PS12: 12 Vdc, 16.7 A
ALM200PS15: 15 Vdc, 13.4 A
ALM200PS19: 19 Vdc, 10.6 A
ALM200PS24: 24 Vdc, 8.4 A
ALM200PS48: 48 Vdc, 4.2 A

- 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) The end product should also ensure that the requirements relating to accompanying documents, clause 7.9, are met
- h) Accompanying documents to be provided as part of end-product.
- i) 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.
- j) 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.
- k) When installing the equipment, all requirements of the mentioned standard must be fulfilled.

EN 60601-1:2006/A1:2013
EN 60601-1:2006/A12:2014

059319, 071712, 089850, 059061



Product Service

CERTIFICATE

No. B 057396 0544 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.:

7191187900-EEC18/06-NCH

Valid until:

2024-01-23

Date, 2019-01-30

(Antony Young-Taylor)



Product Service

CERTIFICATE

No. B 057396 0544 Rev. 00

Model(s):

ALM200PSXXC2-ZZ##V (where XX can be 12, 15, 19, 24, 48 designating output voltage, and -ZZ can be blank or "-A", "-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 purpose only.

Brand Name:

XP Power



Parameters:

Input: 100 – 240 V~, 2.4A, 50/60Hz, Class II

Output:

ALM200PS12C2: 12 Vdc, 16.7 A

ALM200PS15C2: 15 Vdc, 13.4 A

ALM200PS19C2: 19 Vdc, 10.6 A

ALM200PS24C2: 24 Vdc, 8.4 A

ALM200PS48C2: 48 Vdc, 4.2 A

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.
- The end product should also ensure that the requirements relating to accompanying documents, clause 7.9, are met
- Accompanying documents to be provided as part of end-product.
- 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.

Tested according to:

EN 60601-1:2006/A1:2013

EN 60601-1:2006/A12:2014

Production Facility(ies):

059319, 071712, 089850, 059061