



# CERTIFICATE

No. B 057396 0537 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 (Power Supply for building-in)

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.:

7191196470-TR

Valid until:

2023-12-19

Date,

2018-12-21

(Antony Young-Taylor)

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Model(s):

Power Supply for building-in

UCP180PSXX (where XX can be any number 12, 15, 18, 24, 28, 36 or 48 designating the output voltage), may also be provided with additional suffix "-SF" or "-C" or "-T" or "-YYYYYY"

"-SF" denotes units provided with only a single line side fuse.

"-C" denotes that unit is provided with option top cover.

"-T" denotes that unit is provided with screw type terminal. YYYYYY" can be any digits or letters or blank for marketing purposes.

All "-" considered optional.

**Brand Name:** 

**XP Power** 



#### Parameters:

Model UCP180PS12: Output Rated - convection, no top cover: 12 Vdc 10 A (50C), 12 Vdc, 5 A (70C) Model UCP180PS15: Output Rated - convection, no top cover: 15 Vdc, 8 A (50C), 15 Vdc, 4 A (70C) Model UCP180PS18: Output Rated - convection, no top cover: 18 Vdc, 6.67 A (50C), 18 Vdc, 3.34 A (70C) Model UCP180PS24: Output Rated - convection, no top cover: 24 Vdc, 5 A (50C), 24 Vdc, 2.5 A (70C) Model UCP180PS28: Output Rated - convection, no top cover: 28 Vdc, 4.3 A (50C), 28 Vdc, 2.15 A (70C) Model UCP180PS36: Output Rated - convection, no top cover: 36 Vdc, 3.33 A (50C), 36 Vdc, 1.67 A (70C) Model UCP180PS48: Output Rated - convection, no top cover: 48 Vdc, 2.5 A (50C), 48 Vdc, 1.25 A (70C) Model UCP180PS12: Output Rated - convection, with top cover: 12 Vdc 9 A (50C), 12 Vdc, 4.5 A (70C) Model UCP180PS15: Output Rated - convection, with top cover: 15 Vdc, 7.2 A (50C), 15 Vdc, 3.6 A (70C) Model UCP180PS18: Output Rated - convection, with top cover: 18 Vdc, 6 A (50C), 18 Vdc, 3 A (70C) Model UCP180PS24: Output Rated - convection, with top cover: 24 Vdc, 4.5 Å (50C), 24 Vdc, 2.25 Å (70C) Model UCP180PS28: Output Rated - convection, with top cover: 28 Vdc, 3.87 A (50C), 28 Vdc, 1.93 A (70C) Model UCP180PS36: Output Rated - convection, with top cover: 36 Vdc, 3 A (50C), 36 Vdc, 1.5 A (70C) Model UCP180PS48: Output Rated - convection, with top cover: 48 Vdc, 2.25 A (50C), 48 Vdc, 1.13 A (70C) Model UCP180PS12: Output Rated - forced-air cooling, no top cover: 12 Vdc 15 A (50C), 12 Vdc, 7.5 A (70C) Model UCP180PS15: Output Rated - forced-air cooling, no top cover: 15 Vdc, 12 A (50C), 15 Vdc, 6 A (70C) Model UCP180PS18: Output Rated - forced-air cooling, no top cover: 18 Vdc, 10 A (50C), 18 Vdc, 5 A (70C) Model UCP180PS24: Output Rated - forced-air cooling, no top cover: 24 Vdc, 7.5 A (50C), 24 Vdc, 3.75 A (70C) Model UCP180PS28: Output Rated - forced-air cooling, no top cover: 28 Vdc, 6.43 A (50C), 28 Vdc, 3.22 A (70C) Model UCP180PS36: Output Rated - forced-air cooling, no top cover: 36 Vdc, 5 A (50C), 36 Vdc, 2.5 A (70C) Model UCP180PS48: Output Rated - forced-air cooling, no top cover: 48 Vdc, 3.75 A (50C), 48 Vdc, 1.88 A (70C) Model UCP180PS12: Output Rated - forced-air cooling, with top cover: 12 Vdc 13.5 A (50C), 12 Vdc, 6.75 A (70C) Model UCP180PS15: Output Rated - forced-air cooling, with top cover: 15 Vdc, 10.8 A (50C), 15 Vdc, 5.4 A (70C) Model UCP180PS18: Output Rated - forced-air cooling, with top cover: 18 Vdc, 9 A (50C), 18 Vdc, 4.5 A (70C) Model UCP180PS24: Output Rated - forced-air cooling, with top cover: 24 Vdc, 6.75 A (50C), 24 Vdc, 3.37 A (70C) Model UCP180PS28: Output Rated - forced-air cooling, with top cover: 28 Vdc, 5.78 A (50C), 28 Vdc, 2.89 A (70C) Model UCP180PS36: Output Rated - forced-air cooling, with top cover: 36 Vdc, 4.5 A (50C), 36 Vdc, 2.25 A (70C) Model UCP180PS48: Output Rated - forced-air cooling, with top cover: 48 Vdc, 3.37 A (50C), 48 Vdc, 1.69 A (70C)

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### **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 diretives 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 Acceptabiliy in UL CB Test Report No.: E321744-D1019-1/A0/C0-CB.

Tested according to: EN 60601-1:2006/A1:2013 EN 60601-1:2006/A12:2014

Production Facility(ies): 003227, 071712, 089850

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