



Product Service

CERTIFICATE

No. B 057396 0771 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
(AC-DC Power Supply)**

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 7191269108-TR

Valid until: 2027-01-19

Date, 2022-01-21

(KIM HOCK TEO)

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Model(s):

ASB160PS12-HK, ASB160PS12-XXXXXX,
ASB160PS15-HK, ASB160PS15-XXXXXX,
ASB160PS24-HK, ASB160PS24-XXXXXX,
ASB160PS36-HK, ASB160PS36-XXXXXX,
ASB160PS48-HK, ASB160PS48-XXXXXX,
ASB160PS54-HK, ASB160PS54-XXXXXX,

'-HK' is when optional heatsink is fitted.

'-XXXXXX' where X can be any alphanumeric or blank for marketing purposes only.

Brand Name:

XP Power



Parameters:

Input rating: 100-240VAC, 2.0A, 50/60Hz, Class I

Output rating:

ASB160PS12-HK, ASB160PS12-XXXXXX: 12VDC, 13.3A

ASB160PS15-HK, ASB160PS15-XXXXXX: 15VDC, 10.66A

ASB160PS24-HK, ASB160PS24-XXXXXX: 24VDC, 6.66A

ASB160PS36-HK, ASB160PS36-XXXXXX: 36VDC, 4.44A

ASB160PS48-HK, ASB160PS48-XXXXXX: 48VDC, 3.33A

ASB160PS54-HK, ASB160PS54-XXXXXX: 54VDC, 2.96A

Maximum ambient temperature: 40°C (Full Load) and 75°C (10% Load)

Conditions of Acceptability:

1. Suitability of Enclosure is to be evaluated at end-product. Fire enclosure shall be provided in the end-product.
2. Accessibility of Live parts is to be evaluated at the end-product enclosure.
3. Stability and Securement of power supplies are to be evaluated at end-product.
4. These power supplies need to be evaluated for mechanical strength and testing with end-product.
5. Temperature test, abnormal temperature test needs to be repeated in the end-product evaluation.
6. Spacing of the product to its mounting and surrounding are to be evaluated when installed to end-product.
7. The power supply series covered by this report employ Double/Reinforced Insulation between Primary and Secondary circuits.
8. Capacitor discharge needs to be evaluated at the end-product. These power supplies are not cord connected with plug attachment. Products pins are not for insertion into socket-outlets.
9. These power supplies are considered as components and built-in appliance. Instructions for safe-use and built-in requirements are to be evaluated at end-product.
10. The equipment suitability for connection to AC Mains shall be determined in the end use product.
11. The end-product Electric Strength Test is to base upon a maximum working voltage $299V_{rms} / 500V_{pk}$.
12. These power supplies need to be evaluated for ground bond test and earth leakage with end-product.

Tested according to: EN 62368-1:2014/A11:2017