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Product Service

C E R T I F I C A T E

No. B 057396 0644 Rev. 00

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

Certification Mark:

Product: **Power supply**
(Open Frame 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.: 7191251821-TR

Valid until: 2026-04-21

Date, 2021-04-26

(KIM HOCK TEO)

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Model(s): **VCB60US05, VCB60US12, VCB60US15, VCB60US19, VCB60US24, VCB60US30, VCB60US48, VCB60US54**

Brand Name: **XP Power**

Parameters:

1) Input: 100-277 Vac, 1.3 A, 50/60 Hz or
2) Input: 100-277 Vac, 1.7 A, 50/60 Hz

1) Output (model: VCB60US05): 5 Vdc, 8 A
2) Output (model: VCB60US12):12 Vdc, 5 A
   Output (model: VCB60US15): 15 Vdc, 4 A
   Output (model: VCB60US19): 19 Vdc, 3.16 A
   Output (model: VCB60US24): 24 Vdc, 2.5 A
   Output (model: VCB60US30): 30 Vdc, 2.0 A
   Output (model: VCB60US48): 48 Vdc, 1.25 A
   Output (model: VCB60US54): 54 Vdc, 1.11 A

The maximum ambient temperature (Tma) specified by the maufacturer is 50°C for full load, 70°C for half load.

Additional application considerations

1. The product is a component power supply intended for use in Information Technology Equipment. It is an open frame sub-assembly and intended for building-in.
2. Suitability of Enclosure is to be evaluated at end product. Fire enclosure shall be provided in the end product.
3. Accessibility of Live parts is to be evaluated at the end product enclosure.
4. Stability and Securement of power supplies are to be evaluated at end product.
5. These power supplies need to be evaluated for mechanical strength and testing with end product.
6. Temperature test, abnormal temperature test needs to be repeated in the end product evaluation.
7. Spacing of the product to its mounting and surrounding are to be evaluated when installed to end product.
8. The power supply series covered by this report employ Double/Reinforced Insulation between Primary and Secondary circuits.
9. 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.
10. These power supplies are considered to be components and built-in appliance. However, units are not the end product. Instructions for safe-use and built-in requirements are to be evaluated at end product.
11. The output are PS2 energy levels, all DC output for end product.
12. The need for “Double Pole Fuse” Marking for units provided with double pole fusing must

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determine during the end use evaluation.

13. The equipment suitability for connection to AC Mains shall be determined in the end use product.
14. The end-product Electric Strength Test is to base upon a maximum working voltage of : Primary-SELV/Earth : 310 Vrms, 560 Vpk.
15. Proper bonding to the end-product main protective termination is: Required when the power supply is used in Class I end product.
16. These power supplies need to be evaluated for ground bond test and earth leakage with end product.
17. The power supply will be considered Class II only when protection against electric shock does not reply on Basic insulation and provided with sufficient spacings between primary parts of the power supply to secondary or accessible parts in the end product.

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

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