



Product Service

CERTIFICATE

No. B 057396 0560 Rev. 01

Holder of Certificate: **XP Power LLC.**
340 Commerce, Suite 100
Irvine CA 92602
USA

Certification Mark:



Product: **Power supply**
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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 7191330037-02-TR

Valid until: 2026-01-07

Date, 2024-07-11

(Kim Hock Teo)



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Model(s): VCS100USXX
Where XX is 05, 12, 15, 24, 36, 48

Brand Name: XP

Parameters:

Rated Input: 100-240 Vac
Rated Input Current: 2.0A
Rated Input Frequency: 50/60 Hz
DC Output Ratings: See below for output ratings
Elevation for use: 0-5000 m above sea level
Protection Class: Class I determined in end product or Class II
Maximum temperature, ambient: Rated 50°C at 100% full load and 70°C at 50% full load

General Product information:

The unit is a switching type open frame power supply with electronic components mounted on PWB.

Rated Outputs for Models:

VCS100US05
Output: 5V dc 14.00A
VCS100US12
Output: 12V dc 8.33A
VCS100US15
Output: 15V dc 6.67A
VCS100US24
Output: 24V dc 4.17A
VCS100US36
Output: 36V dc 2.78A
VCS100US48
Output: 48V dc 2.08A



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Conditions of Acceptability:

When installed in an end-product, consideration must be given to the following:

- The following product-line tests are conducted for this product : Electric Strength
- The following output circuits are at ES1 energy levels : All Outputs
- The following output circuits are at PS3 energy levels : All Outputs
- The maximum investigated branch circuit rating is : 20 A
- The investigated Pollution Degree is : 2
- Proper bonding to the end-product main protective earthing termination is : Required (Class I)
- An investigation of the protective bonding terminals has : Not been conducted
- The following input terminals/connectors must be connected to the end-product supply neutral : AC N
- The following end-product enclosures are required : Mechanical, Fire, Electrical
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJ2 insulation system with the indicated rating greater than Class A (105°C) : Transformer T01 - Class 130(B)
- The power supply was evaluated to be used at altitudes up to : "5000 m"
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides the minimum required Clearance between the primary side of power supply and protectively earthed accessible conductive parts.
- A suitable main disconnect device shall be provided in the end product.
- Consideration to repeating the Touch Current test should be given in the end-product evaluation.
- The power supplies in this report have been subject to Capacitance Discharge testing. Additional testing should not be needed if directly connected to mains e.g. using an appliance inlet, wiring terminals, etc.
- When installed in a Class II end product, the power supply shall be mounted on insulating posts in a manner that provides the minimum required Clearance between the power supply and any accessible conductive parts.

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