



Product Service

CERTIFICATE

No. B 057396 0562 Rev. 00

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

Certification Mark:



Product: 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. See also notes overleaf.

Test report no.: 095-72143919114-000

Valid until: 2024-05-15

Date. 2019-05-20 (Adrian Rabago Valenzuela)

~~Ret.~~



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Model(s): VCS70USXX
Where XX is 05, 12, 15, 24, 36, 48

Brand Name: XP



Parameters:

Rated Input: 100-240 Vac
Rated Input Current: 1.4A
Rated Input Frequency: 50/60 Hz
DC Output Ratings: See below for output ratings
Elevation for use: 0-3048 m above sea level
Protection Class: Class I PE Connected
Maximum temperature,
ambient: Rated 50°C at 100% full load and 70°C at 50% full load

General Product information:

The model covered in this report is a component power supply intended for use in Audio/video, information and communication technology equipment. It is an open frame power supply intended for building-in Class I end-products.

Rated Outputs for Models:

VCS70US05
OUTPUT: 5V dc 10.00A
VCS70US12
OUTPUT: 12V dc 5.83A
VCS70US15
OUTPUT: 15V dc 4.67A
VCS70US24
OUTPUT: 24V dc 2.92A
VCS70US36
OUTPUT: 36V dc 1.94A
VCS70US48
OUTPUT: 48V dc 1.46A



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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 : CZ01 Pin 2
- 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) : T01 (Class B)
- The power supply was evaluated to be used at altitudes up to : "3048 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.
- Heatsink HS01 and HS02 temperature exceed 70°C during heating test at Tma=70°C, half load condition. These 2 points shall be considered at end product evaluation as symbol 60417-1-IEC-5041 may be required

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

Production Facility(ies): 074888