



Product Service

CERTIFICATE

No. B 057396 0575 Rev. 01

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

Certification Mark:




Product: **Power supply**
Switching 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.: 7191337290-03-TR

Valid until: 2026-01-07

Date, 2024-08-22


(Kim Hock Teo)

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Model(s):

VCE05USxx

(Where xx can be number 03 to 48 designating output voltage.
May optionally be provided with suffix "-P" for open frame type.)

Brand Name:

XP



Parameters:

Rated Input Voltage: 100 - 240 VAC, 50-60 Hz
Rated Input Current: 0.2 A
Protection Class: Class I or Class II at end use
Degree of Protection: IPX0
Temperature, Ambient: 50°C at 100% rated load, 70°C at 50% rated load

Approved Models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Max Current (A)	Max Output Power (W)
VCE05US03	3.3 (2.95-3.65)	1.21	5
VCE05US05	5 (4.5-5.5)	1	5
VCE05US09	9 (8.1-10)	0.55	5
VCE05US12	12 (10.1-13.5)	0.41	5
VCE05US15	15 (13.5-17)	0.33	5
VCE05US18	18 (17.1-21)	0.277	5
VCE05US24	24 (21.1-26)	0.21	5
VCE05US28	28 (26.1-31)	0.178	5
VCE05US36	36 (33.1-42)	0.138	5
VCE05US48	48 (42.1-52)	0.104	5

Model Differences

All models in the model VCE05USxx Series are identical with exception to the Mains Transformer T1, and minor secondary components that allow for different output voltage ratings. Units for use in China only are to be provided with a certified conformal coating.

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Conditions of Acceptability

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- 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
- 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 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.
- When installed in a Class II 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 accessible conductive parts.
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- A suitable main disconnect device shall be provided in the end product.

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