ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. B 057396 0565 Rev. 01

Holder of Certificate: **XP Power LLC.**
340 Commerce, Suite 100
Irvine CA 92602
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. 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.: 7191330037-07-TR

Valid until: 2026-01-07

Date, 2024-07-11

(Kim Hock Teo)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): VFT80USXX
Where XX is 05, 12, 15, 16, 18, 19, 20, 24, 30

Brand Name: **XP**

Parameters:

Rated Input:	100-240 Vac
Rated Input Current:	1.7A: Model VFT80US05 2.0A: All other models
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 determined in end product or Class II
Maximum temperature, ambient:	50°C

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:

For Model VFT80US05
INPUT ~ 100-240 VAC, 1.7A, 50-60Hz
OUTPUT : 5V dc 12A 60W max
For Model VFT80US12
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 12V dc 6.66A 80W max
For Model VFT80US15
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 15V dc 5.33A 80W max
For Model VFT80US16
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 16V dc 5A 80W max
For Model VFT80US18
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 18V dc 4.44A 80W max
For Model VFT80US19
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 19V dc 4.21A 80W max
For Model VFT80US20
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 20V dc 4A 80W max
For Model VFT80US24
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 24V dc 3.33A 80W max
For Model VFT80US30
INPUT ~ 100-240 VAC, 2.0A, 50-60Hz
OUTPUT : 30V dc 2.66A 80W max

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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
• 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 OBJY2 insulation system with the indicated rating greater than Class A (105°C) : T3 (Class B)
• The power supply was evaluated to be used at altitudes up to : "2,000 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.
• 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.
• 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 under normal and single fault conditions. Additional testing should not be needed if directly connected to mains e.g. using an appliance inlet, wiring terminals, etc.

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

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