



Product Service

# CERTIFICATE

No. B 057396 0557 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 7191330405-12-TR

**Valid until:** 2026-01-07

**Date,** 2024-06-27

( Kim Hock Teo )



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**Model(s):** ECP40USXX (where XX can be any number between 05 and 48 designating the output voltage)

**Brand Name:** XP

## Parameters:

Rated Input: 100-240 Vac  
Rated Input Current: 1.0A  
Rated Input Frequency: 50/60 Hz  
DC Output Ratings: See next page 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: 50°C with 100% rated output; 70°C for 50% load

## General Product information:

### Product Description:

The model covered in this report is an open frame component switching power supply intended for use in Audio/video, information and communication technology equipment

### Model Differences:

All models are identical with exception to the Mains Transformer (TR1) and minor secondary components that allow for different output voltage rating



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## Rated Outputs for Models:

Model ECP40US05: Output Rated: 5.0 Vdc, 6.00 A  
Model ECP40US12: Output Rated: 12.0 Vdc, 3.34 A  
Model ECP40US15: Output Rated: 15.0 Vdc, 2.67 A  
Model ECP40US18: Output Rated: 18.0 Vdc, 2.22 A  
Model ECP40US24: Output Rated: 24.0 Vdc, 1.67 A  
Model ECP40US30: Output Rated: 30.0 Vdc, 1.34 A  
Model ECP40US48: Output Rated: 48.0 Vdc, 0.84 A

## Technical Considerations:

- The product is intended for use on the following power systems : TN, IT
- The equipment disconnect device is considered to be: N/A - To be provided as an element of the end product.
- The product was submitted and evaluated for use at the maximum ambient temperature (T<sub>ma</sub>) permitted by the manufacturer's specification of: 50°C for 100% load. 70°C for 50% load (See Enclosure-Miscellaneous: De-rating Curve for additional details)
- The power supply series covered by this report employ Double/Reinforced Insulation between Primary and Secondary circuits.
- The clearance distances have additionally been assessed for suitability up to 5000 m elevation (1.48 correction factor as per IEC 60664-1, Table A2).

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