



Product Service

# CERTIFICATE

No. B 057396 0871 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 7191302260-17-TR

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

**Date,** 2024-07-03

( Kim Hock Teo )

# CERTIFICATE

No. B 057396 0871 Rev. 01

**Model(s):**

ECF40USxx

(where xx can be number between 12 and 48 designating output voltage, may also be provided with additional suffix "SF" for single pole fusing)

**Parameters:**

Input Voltage: 100-240 VAC  
Input frequency: 50/60 Hz  
Input Current: 1.2 A Max  
Protection Class: Class I or Class II at end use  
Maximum temperature, ambient: 50°C with 100% rated output  
70°C with 50% rated output  
Elevation for use: 0-5000 m above sea level

**Approved models and Rated Outputs:**

Model Number	OUTPUT RATING		
	Voltage (VDC )	Max Current (A)	Max Power (W)
ECF40US12	10.1-13.5	3.34	40
ECF40US15	13.6-17	2.67	40
ECF40US18	17.1-21	2.23	40
ECF40US24	21.1-26	1.67	40
ECF40US28	26.1-31	1.43	40
ECF40US33	31.1-33	1.21	40
ECF40US36	33.1-42	1.11	40
ECF40US48	42.1-54	0.83	40

# CERTIFICATE

No. B 057396 0871 Rev. 01

## Conditions of Acceptability:

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

## The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- The following secondary output circuits are ES1: All outputs
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the Class I end product.
- The touch current shall be measured at the end product.
- When installed in end product, the clearance and creepage distance between the related circuitry of the power supply and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- The equipment is provided with a fuse in both the Line and Neutral of the primary circuit. The need for a marking warning service person of the hazards associated with neutral fusing shall be considered in the end-product.

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