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Product Service

# CERTIFICATE

No. B 057396 0593 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.:** 095-72130707-100

**Valid until:** 2023-01-06

**Date,** 2020-04-16 ( Adrian Rabago Valenzuela )





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**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



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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:

- 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

**Production Facility(ies):** 059061, 089850, 071712, 059319

