



Product Service

# CERTIFICATE

No. B 057396 0384 Rev. 03

**Holder of Certificate:** **XP Power LLC.**

340 Commerce, Suite 100  
Irvine CA 92602  
USA

**Certification Mark:**



**Product:** **Switching power supply unit**

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.:** 095-72143775P-100

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

**Date,** 2024-07-08

( Kim Hock Teo )

# CERTIFICATE

No. B 057396 0384 Rev. 03

**Model(s):**

ECC100US48-XB0201B, ECC100USxx  
(where xx can be number 12-48 to indicate the output voltage; may be optionally followed by suffix "-F" for additional Input Filter Board and/or "-S" for screw terminals, may also be provided with additional suffix "-SF" for single fusing.)

**Brand Name:** XP

**Parameters:**

Rated Input Ratings:

ECC100US48-XB0201B: 40-90 VAC or 90 VAC square wave, 3 A, 50/60 Hz

ECC100USxx: 100-240 VAC, 2.5 A, 50/60 Hz

Protection Class: Class I at end use

Temperature, Ambient: 75°C max.

Elevation for use: 0-3048m above sea level.

**Approved models and Rated Outputs:**

Model Number	Output V1		Standby output V2	
	Voltage (V)	Current (A)	Voltage (V)	Current (A)
ECC100US12	12	8.1	5.0	0.5
ECC100US15	15	6.5	5.0	0.5
ECC100US24	24	4.1	5.0	0.5
ECC100US28	28	3.5	5.0	0.5
ECC100US48	48	2.0	5.0	0.5
ECC100US48-XB0201B	48	1.25	5.0	0.5

**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 output circuits are at ES1 energy levels: All
- The following output circuits are at PS3 energy levels: All
- 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 at end product, sufficient clearance and creepage distance shall be provided between the primary circuit and accessible metal parts.
- Ground bond test, Touch current test and dielectric Strength test need to be considered at end use equipment.
- The power supplies covered by this report have a fuse in the neutral of the primary circuit. The need for a marking to warn a service person of the hazards associated with double pole/neutral fusing shall be considered in the end product.

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