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

Product Service

CERTIFICATE

No. B 057396 0525 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.: 095-72139381-000

Valid until: 2023-10-25

Date, 2018-10-26

(Adrian Rabago Valenzuela)

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

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Model(s):

FCS60USxx
(where xx can be any number 12 to 48 designating output voltage, may also be followed by suffix "SF", "S", "-" or blank)

Brand Name:

XP

Parameters:

Rated Input Voltage: 100-240 VAC
Rated Input Current: 1.6 A max.
Rated Input Frequency: 50/60 Hz
Elevation for Use: 0-5000 m above sea level
Protection Class: Class I or Class II at end use
Maximum Temperature, Ambient: 40°C for 60W load. 50°C for 50W load. 70°C for 25W load

General Product information:
The model covered are component AC - DC power supplies intended for use in Audio/video, information and communication technology equipment. They are intended for building-in to Class I or Class II equipment.

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Max Current (A)	Max Power (W)
FCS60US12	10.1-13.5	5	60
FCS60US15	13.6-17	4	60
FCS60US18	17.1-21	3.33	60
FCS60US24	21.1-26	2.5	60
FCS60US28	26.1-31	2.14	60
FCS60US36	33.1-42	1.67	60
FCS60US48	42.1-54	1.25	60

Suffix:
SF or blank, denote either single pole fusing (SF) or double fusing (Blank), suffix "-S" indicates models provided with input screw terminals.

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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.
- 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.
- When installed in end product, the clearance and creepage distance between the hazardous voltage circuitry and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for Class I end product) shall be conducted at end use.
- The equipment is provided with fuses 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.
- Safeguards against capacitor discharge after disconnection of a connector shall be evaluated in the end-product.

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

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

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