

CERTIFICATE

No. B 057396 0420 Rev. 01

Holder of Certificate: XP Power LLC.

15641 Red Hill Avenue, Suite 100

Tustin CA 92780

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. See also notes overleaf.

Test report no.: 095-72143919N-000

Valid until: 2025-03-15

Date, 2020-03-24

(Adrian Rabago Valenzuela)



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Model(s): JCA10xxyzz

(where xx = 05, 12, 24, or 48 for input voltage, y = S or D for single or dual output, zz = any two digit number 01-15 for different output

voltage configurations)

Brand Name: XP



Parameters: Rated Input Ratings: JCA1005yzz: 4.5-9.0 VDC (5.0 VDC nominal, 2.4 A)

JCA1012yzz: 9-18 VDC (12 VDC nominal, 0.95 A) JCA1024yzz: 18-36 VDC (24 VDC nominal, 0.5 A) JCA1048yzz: 36-75 VDC (48 VDC nominal, 0.24 A)

Protection Class: Class I or Class II at end product Temperature, Ambient: 50°C with 100% rated output 70°C with 50% rated output

Elevation for use: 0-5000 m

Approved models and Rated Outputs:

OUTPUT RATING			
V1 (VDC)	A1 (A)	V2 (VDC)	A2 (A)
3.3	2.42		
5	1.60		
12	0.83		
15	0.66		
5	0.8	-5	0.8
12	0.42	-12	0.42
15	0.33	-15	0.33
	3.3 5 12 15 5 12	V1 (VDC) A1 (A) 3.3 2.42 5 1.60 12 0.83 15 0.66 5 0.8 12 0.42	V1 (VDC) A1 (A) V2 (VDC) 3.3 2.42 5 1.60 12 0.83 15 0.66 5 0.8 -5 12 0.42 -12

Input: xx can be 05, 12, 24, or 48 to indicated input nominal voltage.



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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 product...
- A suitable main disconnect device shall be provided at the end product.
- The following output circuits are at ES1 energy levels: All.
- The following output circuits are at PS3 energy levels: All.
- Touch current test and dielectric Strength test need to be considered at end product.
- When installed in the end product, the input of the power supply shall be isolated from primary circuits by double or reinforced insulation.
- Capacitance Discharge testing shall be considered at end product as applicable.
- When installed in the end product, the power supply shall be mounted in a
 manner that provides the minimum required creepage distance and clearance
 between applicable parts of the power supply, accessible conductive parts, and
 secondary circuits of the end product.
- The following components require special consideration during end-product Thermal (Heating) tests due to the indicated maximum temperature measurements during component-level testing: Metal enclosure (105°C).

Tested according to:

EN 62368-1:2014/A11:2017

Production Facility(ies):

077041, 061661