



America

CERTIFICATE

No. B 16 03 57396 445

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



15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA

Production Facility(ies):

59061, 59319, 71712, 89850

Certification Mark:



Product:

Power supply

Model(s):

N12-MMMM-PPFNN

(Where M can be blank or a letter A-Z, indicating module designation; where P can be any number 0-9 or blank for Parallel option codes; where F can be A or C; N can be any number 0-9 or blank for other option codes; "-" provided optionally.)

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Frequency:	50/60 Hz
Rated Input Current:	10 A
Protection Class:	I at end use
Elevation for Use:	0- 3048 m above sea level
Temperature, Ambient:	50°C with 100% rated output power 70°C with 50% rated output power

See attachment for out output module ratings and conditions of acceptability.

Tested according to: EN 60950-1:2006/A2:2013

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.: 095-72114668-000

Valid until: 2019-06-20

Date, 2016-03-15

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ATTACHMENT TO CERTIFICATE NO. B 16 03 57396 445 FOR XP POWER LLC

POWER SUPPLY

The models covered are modular component switching power supply intended for building-in to Information Technology Equipment.

The power supply consists of an input power platform and various plug-in output modules. Each plug-in output module is one slot width. Each power platform supports four slots per platform.

Outputs can be connected in series or in parallel.

Power Platform Chassis:

N12: Max 1200 W (100-240 VAC): up to four output modules provided

Output Module Ratings:

Modules A-E: 3.3 to 5.5 Vdc, 40 A max, 200 W max.

Modules F-J : 8 to 15 Vdc, 20.8 A max, 250 W max.

Modules K-O: 18 to 30 Vdc, 12.5 A max, 300 W max.

Modules P-T: 33 to 60 Vdc, 6.25 A max, 300 W max.

Conditions of Acceptability:

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

These models require:

- A suitable electrical and fire enclosure shall be provided in the end use equipment.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the end product.
- When installed in end product, the clearance and creepage distance between the hazardous circuitry 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.
- Secondary output circuits of module F-T are at hazardous energy level, additional compliance at end use.
- The following secondary output circuits are SELV: The outputs of Modules A-Q are considered SELV. The outputs of Modules R-T are considered Hazardous Voltage Secondary. The end-product evaluation shall additionally consider accessibility of these circuits in the end-use application.
- Suitable warning markings to service persons regarding double pole/neutral fusing shall be provided as part of the end-product in accordance with Clause 2.7.6.