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Product Service

C E R T I F I C A T E

No. B 057396 0445 Rev. 02

Holder of Certificate: **XP Power LLC.**
340 Commerce, Suite 100
Irvine CA 92602
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. 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

Test report no.: 7191338350-01-TR

Valid until: 2026-01-07

Date, 2024-09-09

(Kim Hock Teo)

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

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Model(s): N12-MMMM-PPFNN
(Where M can be blank or a letter A-Z, indicating module designation; P can be any number 0-9 or blank for Parallel option codes; F can be A or C; N can be any number 0-9 or blank for other option codes; "-" provided optionally.)

Brand Name: XP

Parameters:

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

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

Output Module Ratings (MMMM):
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.

Parallel Option Codes (PP)

Code	Description
00	No parallel required
12	Parallel module 1&2 form right
13	Parallel modules 1 to 3 form right
14	Parallel modules 1 to 4 form right
22	Parallel module 1&2, 3&4

Option Codes (FNN)

Code	Description	Code	Description
A00	No options	C04	A01-03
A01	Fan fail signal	C05	A01-A02 & 04
A02	Reverse air flow	C06	A01-A04
A03	Faston O/P connections	C07	A02-03
A04	IEC inlet	C08	A02 & 04
C01	A01-A02	C09	A02-04
C02	A01 & 03	C10	A03-04
C03	A01 & 04	C11	A01 & A03 & 04

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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 product is intended for use on the following power systems: TN.
- The following output circuits are at ES1 energy levels: The outputs of Modules A-Q.
- The following output circuits are at ES2 energy levels: The outputs of Modules R-T.
- The following output circuits are at PS3 energy levels: All.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts at end product.
- The following input terminals/connectors must be connected to the end-product supply neutral: ACN J1
- A suitable main disconnect device shall be provided in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in Class I end product, ground bond test shall be conducted.
- Touch current test and dielectric Strength test need to be considered at end use equipment.
- Suitable warning markings to service persons regarding double pole/neutral fusing shall be provided as part of the end-product.

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

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