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

Product Service

CERTIFICATE

No. B 057396 0326 Rev. 01

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.: 095-72143924M-000

Valid until: 2024-06-23

Date, 2019-07-03

(Adrian Rabago Valenzuela)

A4 / 07.17

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

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Model(s):

ASB110PSxx
(where xx can be 12 to 48 designating the output voltage, can be optionally followed by "-HK" for heatsink)

Brand Name: XP

Parameters:

Rated Input Voltage: 100-240 VAC
Rated Frequency: 50/60 Hz
Rated Input Current: 1.5-0.5 A
Protection Class: Class I at end use
Temperature, Ambient: 50°C at 100% rated output
70°C at 50% rated output
Elevation for use: 0-5000 m

Approved models and Rated Outputs:

Model Number	Output			Maximum Power (W) @ 50°C	Maximum Power (W) @ 70°C
	Voltage (Vdc)	Max Current (A) @ 50°C	Max Current (A) @ 70°C		
ASB110PS12	12	9.17	4.58	110	55
ASB110PS15	15	7.33	3.67		
ASB110PS24	24	4.58	2.29		
ASB110PS28	28	3.93	1.97		
ASB110PS36	36	3.06	1.53		
ASB110PS48	48	2.29	1.15		

Units with suffix "-HK" are provided with optional heatsink.
Operating conditions may require a reduced load or increased airflow in order to stay below the 85°C baseplate rating.

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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: All.
- 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.
- The following input terminals/connectors must be connected to the end-product supply neutral: AC/N.
- 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.
- Unit is provided with an enclosure rated minimum V-0 and may be relied upon for separation from PIS in the end product and may be suitable as a fire enclosure or fire barrier when provided. To be evaluated as an element of the end product construction.
- The maximum continuous power supply output (Watts) relied on the base plate temperature not exceeding 85°C. End product shall determine appropriate heat sink size, maximum recommended ambient temperature, and output load to prevent the base plate temperature from exceeding 85°C.

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

Production Facility(ies): 077041, 061661

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