



CERTIFICATE

No. B 057396 1154 Rev. 00

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

Certification Mark:



Product: **Power supply
DC to DC Converter**

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.: 7191382266-TR

Valid until: 2031-06-01

Date, 2026-06-17


(Posen Fu)



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Model(s): HBM150C24S12x, HBM150C24S15x, HBM150C24S24x,
(Where x can be -T, -N, -NT, or blank.)

Brand Name: XP, XP Power

Parameters:

Rated Input Voltage: 18-36 V d.c. 10 A (optional)

Protection Class: Determined at end use

Elevation for use: 0-5000 m above sea level

Output ratings:

Model No .	Output rating	Max Output power
HBM150C24S12x	12 V d.c. 12.5 A	150W
HBM150C24S15x	15 V d.c. 10.0 A	150W
HBM150C24S24x	24 V d.c. 6.25 A	150W

Model Differences:

All models are similar except for PWB layout of secondary, circuitry of secondary, transformer winding of secondary inout rating, output rating and model designation

For model designation "x" can be -T, -N,-NT or blank, for marketing purposed only with no impact to safety related constructions and critical components.

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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:

- Transformer T101 is rated Class B (130 °C) Insulation system. The end-use product shall ensure that the power supply is used within its ratings.
- The maximum operational ambient temperature specified by the manufacturer is 85°C
- The product was investigated to the electric strength 5000Vac between input and output circuits, 2500Vac between input/output circuits and metal baseplate, declared by the manufacturer.
- The current rating of the protective device is to be determined when it is employed in the end-use equipment Tests for abnormal operating and single fault conditions were carried out with an external fuse. Tests should be repeated when it's employed in the end - use equipment with a differently rated overcurrent protective device.
- The equipment provides the following MOPP (means of patient protection) based on working voltage 250 Vrms, 354 V peak by manufacturer's declaration:

2 MOPP between input circuit and output circuit

1 MOPP between input circuit and metal baseplate

1 MOPP between output circuit and metal baseplate

Tested according to: EN 60601-1:2006/A2:2021
EN 60601-1:2006/A13:2024