



Product Service

CERTIFICATE

No. B 057396 0484 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.: 7191330405-10-TR

Valid until: 2026-01-07

Date, 2024-06-27

(Kim Hock Teo)



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Model(s):

ECL25US05-XB0232A, ECL25US24-XE0526, ECL25USxx-y
(where xx can be number between 03 to 48 designating output voltage; y can be E, P, S, SD, T or blank, for different connector and enclosure configurations "-" provided optionally).

Brand Name: XP

Parameters:

Rated Input: ECL25USxx-y, ECL25US05-XB0232A:

100-240 VAC, 0.8 A, 50-60 Hz

ECL25US24, ECL25US24-XE0526:

100-240 VAC, 50-60 Hz, 0.8 A; or 40-85 VDC

Protection Class: Class I or Class II at end use

Temperature, Ambient: ECL25USxx-y, ECL25US24-XE0526:

50°C at 100% rated output, 70°C at 50% rated output

ECL25US05-XB0232A:

50°C at 100% rated output, 85°C at 50% rated output

Elevation for use: 0-3048 m above sea level

Approved models and Rated Outputs:

Model Number	Output rating (100% rated output)		
	Voltage (VDC)	Current (A)	Max Power (W)
ECL25US03	3.3 (2.95-3.65)	6	19.8
ECL25US05, ECL25US05-XB0232A	5 (4.5-5.5)	5	25
ECL25US09	9 (8.1-10)	2.8	25
ECL25US12	12 (10.1-13.5)	2.1	25
ECL25US15	15 (13.5-17)	1.67	25
ECL25US24, ECL25US24-XE0526	24 (21.1-26)	1.04	25
ECL25US48	48 (42-52)	0.52	25
ECL25US24, ECL25US24-XE0526 (with DC input)	24 (21.1-26)	0.625	15



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Model Differences

- Model ECL25USxx-T is similar to ECL25USxx-P except for ECL25USxx-T has I/O terminals and ECL25USxx-P has I/O pins.
- Model ECL25USxx-T is similar to Model ECL25USxx-E except for ECL25USxx-E is housed in plastic enclosure with epoxy.
- Secondary heat sink H1 provided on Models ECL25US03-y, ECL25US05-, and ECL25US09-y.
- Model ECL25USxx-S is similar to Model ECL25USxx-E except for Model ECL25USxx-S with I/O terminal blocks, ECL25USxx-E with I/O pins, enclosure shape, PWB layout, and model designation.
- Model ECL25USxx-SD is similar to Model ECL25USxx-S except for Model ECL25USxx-SD is provided with a DIN rail clip.
- Model ECL25US05-XB0232A is similar to Model ECL25US05-T, except Model ECL25US05-XB0232A is rated for 50% of rated output at 85°C ambient.
- Model ECL25US24-XE0526 is identical to ECL25US24, the different model No. is for marketing purpose.

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 mechanical, electrical, and fire enclosure shall 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
- 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.
- Sinks are floating and considered live, they shall not be accessible in the end-product.
- When installed in end product, the clearance and creepage distance between the hazardous voltage parts and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (if Class I end product) shall be conducted at end product.
- The power supplies may have a fuse in the neutral of the primary circuit. A warning for service persons shall be considered in the end product.

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