



Product Service

# CERTIFICATE

No. Z1 057396 0475 Rev. 02

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

**Certification Mark:**



**Product:** **Power supply**  
**Switching brick 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 7191333588-02-TR

**Valid until:** 2026-01-07

**Date,** 2024-05-21

( Kim Hock Teo )



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**Model(s):** **ALM85US15-XA1185, ALM85USxxyy-wz##v**  
(Where xx can be any number between 12-24; yy can be blank or C2; w can be blank, 6, or 8; z can be blank or A; # can be blank or any alphanumeric character for customer specific marking; and v can be blank or any alphanumeric character, may be provided with or without "-".)

**Brand Name:** **XP**

**Parameters:**  
Rated Input Voltage: 100-240 VAC  
Rated Frequency: 50/60 Hz  
Rated Input Current: 1.7 A  
Protection Class: Class I or Class II depending on model  
Temperature, Ambient: 40°C at 100% rated output  
60°C at 60% rated output  
Elevation for use: 0-5000 m above sea level

Approved models and rated output:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Max. output Power (W)
ALM85US12	12 (10.1-13.5)	6.67	80
ALM85US15	15 (13.5-17.0)	5.33	80
ALM85US19	19 (17.1-21.0)	4.47	85
ALM85US24	24 (21.0-26.0)	3.54	85
ALM85US15-XA1185	15 (13.5-17.0)	5.33	80

Output voltage rating indicated in '( )' represents voltage tolerance range.

**Suffix:**  
All models within the series are identical with exception to power transformer (T1) winding and other minor changes to secondary circuit to accommodate different output voltages and current ratings.  
For variable yy, blank indicates a Class I configuration and C2 indicates a Class II configuration.  
For variable w, blank indicates a C14 input connector, 6 indicates C6 input connector, and 8 indicates a C8 input connector.  
For variable z, blank indicates no IEC cable retention, A indicates IEC cable retention.  
For variable #, blank or any alphanumeric characters can be used for marketing purposes.  
For variable v, blank or any alphanumeric character can be used to indicate the color of the casing.

Model ALM85US15-XA1185 is similar to model ALM85US15 except that ALM85US15-XA1185 does not have Y- Capacitor, C8.

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## Additional information:

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

- Considered current rating of protective device as part of the building installation: 20 A max
- The investigated Pollution Degree is: 2
- Mains supply tolerance (%) or absolute mains supply values: +10%/-10%
- The following were investigated as part of the protective earthing/bonding: Appliance inlet to output ground
- The equipment employs Functional Earthing. The following insulation is provided between the primary and accessible dead metal parts and circuits: Double/Reinforced (configurations with a ground pin in the appliance inlet).

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