



America

CERTIFICATE

No. B 09 07 57396 061

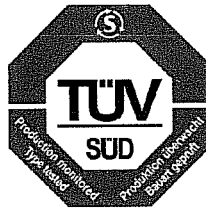
Holder of Certificate: **XP Power, Inc.**



1241 East Dyer Road, Suite 150
Santa Ana CA 92705
USA

Production Facility(ies): 61401, 59319

Certification Mark:



Product: **Power supply (Power Supply)**

Model(s): **LCL150PSXX (where XX can be number 12-48 to indicate the output voltage)**

Parameters:

Rated Input Voltage:	100-240 V AC,
Rated Frequency:	50/60 Hz
Rated Input Current:	2.0 A
Rated Output Voltage:	See attachment
Protection Class:	I at end use
Elevation for use:	Up to 3000 m above sea level
Temperature, Ambient:	50°C at full rated output load, 60°C at half rated output load

See attachment for additional model information and conditions of acceptability

Tested according to: EN 60950-1/A11:2009

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.: 095-905434-000

Date, 2009-07-16

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America

**ATTACHMENT TO CERTIFICATE NO. B 09 07 57396 061
FOR XP POWER
POWER SUPPLY**

LCL150PSXX Output			
Model Number	Output		
	Voltage (VDC)	Current (A)	Maximum Power (W)
LCL150PS12	12.0	12.5	150
LCL150PS13	13.5	11.1	150
LCL150PS15	15.0	10.0	150
LCL150PS24	24.0	6.3	150
LCL150PS27	27.0	5.6	150
LCL150PS48	48.0	3.1	150

Model Differences:
All Models are similar. The differences are in output ratings, number of turns of secondary winding of the output transformer (T1) and corresponding minor differences of secondary circuit components.

Conditions of Acceptability:

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

These models require:

1. When installed in an end-product, a suitable main disconnect device shall be provided in the end product.
2. Proper fire and electrical enclosure are required at end-product.
3. Reliable earth connection shall be provided at the end use installation.
4. The power supply is to be installed only by trained service personnel, according to the manufacturer's installation instruction.

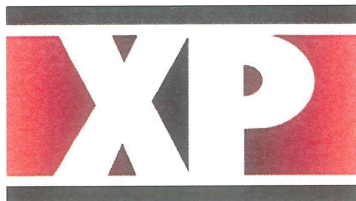


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CERTIFICATE

No. B 12 09 57396 174

Holder of Certificate: XP Power LLC.



1241 East Dyer Road, Suite 150
Santa Ana CA 92705
USA

Production Facility(ies): 71712, 59319

Certification Mark:



Product: Power supply
(Power Supply)

Model(s): LCL300PSXX (where XX can be number 12 to 48 to indicate the main output voltage),
LCL300PS12-XD0200

Parameters:

Rated Input Voltage:	100-240 V AC,
Rated Frequency:	50/60 Hz
Rated Input Current:	4.0 A
Rated Output Ratings:	See attachment
Protection Class:	Class I
Temperature, Ambient:	50°C with maximum output power, 65°C with 60% maximum output power
Elevation for use:	0-3048 m above sea level
See attachment for further information.	

Tested according to: EN 60950-1/A12:2011

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.: SI1208714-100

Date, 2012-09-12

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**ATTACHMENT TO CERTIFICATE NO. B 12 08 57396 174
FOR XP POWER LLC**

POWER SUPPLY

Approved models and output ratings:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Output power
LCL300PS12	12.0	25	300
LCL300PS13	13.5	22	300
LCL300PS15	15.0	20	300
LCL300PS24	24.0	13	300
LCL300PS27	27.0	11.7	300
LCL300PS48	48.0	6.7	300

Note: LCL300PS12-XD0200 is identical to model LCL300PS12 with exception of alternate varistor (RV1).

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.
- Proper bonding to the end-product main protective earthing terminal is required at end product, sufficient clearance and creepage distance shall be provided between the primary circuit and accessible metal parts.
- Ground bond test, Touch current test and dielectric Strength test need to be considered at end use equipment.
- Output has hazardous energy level greater than 240 VA, additional compliance at end use.



America

CERTIFICATE

No. B 12 12 57396 193

Holder of Certificate: **XP Power LLC.**



1241 East Dyer Road, Suite 150
Santa Ana CA 92705
USA

Production
Facility(ies):

71712, 59319

Certification Mark:



Product:

**Switching power supply unit
(Switching Power Supply)**

Model(s):

**LCL500PSXX,
(where XX may be number 12 to 48
indicating main output voltage)**

Parameters:

Rated Input Voltage:	100-240 VAC,
Rated Frequency:	50/60 Hz
Rated Input Current:	6.0 A
Rated Output Ratings:	See attachment
Protection Class:	Class I (at end use)
Temperature, Ambient:	55°C with full load, 60°C with 80% load.

See attachment for output ratings and conditions
of acceptability.

Tested according to: EN 60950-1/A12:2011

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.: S11212107-000

Date, 2012-12-11

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ATTACHMENT TO CERTIFICATE NO. B 12 12 57396 193 FOR XP POWER

SWITCHING POWER SUPPLY

Power supply model LCL500PSXX series is AC/DC component type switching power supply.

LCL500PSXX DC output rating:

Model Number	V (V/A)		P out Max (W)
	V	A	
LCL500PS12	12.0	42	500
LCL500PS13	13.5	37	500
LCL500PS15	15.0	34	500
LCL500PS24	24.0	21	500
LCL500PS27	27.0	18.5	500
LCL500PS48	48.0	10.5	500

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.
- Proper bonding to the end-product main protective earthing terminal is required at end product, sufficient clearance and creepage distance shall be provided between the primary circuit and accessible metal parts.
- Ground bond test, Touch current test and dielectric Strength test need to be considered at end use equipment.
- Output has hazardous energy level greater than 240 VA, additional compliance at end use.

Rpt. Ref. No.: S11212107-000

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2012-12-11