



America

CERTIFICATE

No. B 11 06 57396 102

Holder of Certificate: XP Power LLC.



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

Production Facility(ies): 59319, 71712

Certification Mark:



Product: Power supply
(Power Supply)

Model(s): AHM85PSXX, AHM85PSXXC2
(where XX is number between 12-24 indicating output voltage, can be followed by "-A" or "-6" or "-6A" or "-8" or "-8A" for different input connector type and optional cable retention)

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Frequency:	50/60 Hz
Rated Input Current:	1.0 A
Rated Output Voltage:	See attachment
Protection Class:	I
Temperature, Ambient:	40°C with maximum output power, 60°C with 60% maximum output power

See attachment for additional information.

Tested according to: EN 60601-1:2006

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.: 095-1103927-000

Date, 2011-06-28

Page 1 of 2





America

**ATTACHMENT TO CERTIFICATE NO. B 11 06 57396 102
FOR XP POWER LLC**

POWER SUPPLY

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM85PS12, AHM85PS12C2	12	7.08
AHM85PS15, AHM85PS15C2	15	5.67
AHM85PS19, AHM85PS19C2	19	4.47
AHM85PS24, AHM85PS24C2	24	3.54

Model Differences:

All models are similar with the differences in Main Transformer T1 windings, and minor differences in secondary circuit for different output.

Model number can be followed with suffix as below:

- “-A”: C14 type input appliance inlet with optional cable retention clamp;
- “-6”: C6 type input appliance inlet;
- “-6A”: C6 type input appliance inlet with optional retention clamp;
- “-8”: C8 type input appliance inlet;
- “-8A”: C8 type input appliance inlet with optional retention clamp.

Conditions of Acceptability:

- Scope of Power Supply evaluation defers the following clauses to the be determined as part of the end product: Clause 7.5 (Safety Signs), Clause 7.9 (Accompanying Documents), Clause 9 (ME Hazard), Clause 10 (Radiation), Clause 14 (PEMS), Clause 16 (ME Systems)
- Scope of Power Supply evaluation excludes the following:
 - Patient applied parts clauses: 4.6, 7.2.10, 8.3, 8.5.2, 8.5.5, 8.7.4.7-8.7.4.9, 8.9.1.15
 - Battery related clauses: 7.3.3, 15.4.3
 - Hand Control related clauses: 8.10.4
 - Oxygen related clauses: 11.2.2
 - □Fluids related clauses: 11.6.2 – 11.6.4
 - Sterilization clause: 11.6.7
 - Biocompatibility Clause: 11.7 (ISO 10993)
 - □Motor related clauses: 13.2.13.3, 13.4
 - Heating Elements related clause: 13.2
 - Flammable Anaesthetic Mixtures Protection: Annex G
- The product is evaluated only to the following hazards: Casualty, Fire, Shock



America

CERTIFICATE

No. Z1A 12 08 57396 164

Holder of Certificate: XP Power LLC.



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

Factory(ies): 71712, 59319

Certification Mark:



Product: Switching power supply unit
(Switching Brick Power Supply)

Model(s): AHM85PSXX, AHM85PSXXC2
(where XX is number between 12-24 indicating output voltage, can be followed by "A" or "6" or "6A" or "8" or "8A" for different input connector type and optional cable retention)
For additional information and details see attachment

Parameters:

Rated Input Voltage:	100-240 VAC,
Rated Frequency:	50/60 Hz
Rated Input Current:	1.0 A
Rated Output Ratings:	See attachment for output ratings
Protection Class:	Class I or Class II
Elevation for use:	0-3048 m above sea level
Temperature, Ambient:	40°C with maximum output power 60°C with 60% maximum output power

See attachment for further information

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

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: SI1208702-000

Valid until: 2017-08-22

Date, 2012-08-30

(Henrik Poulsen)



Page 1 of 2



America

**ATTACHMENT TO CERTIFICATE NO. Z1A 12 08 57396 164
FOR XP POWER LLC
SWITCHING BRICK POWER SUPPLY**

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM85PS12, AHM85PS12C2	12	7.08
AHM85PS15, AHM85PS15C2	15	5.67
AHM85PS19, AHM85PS19C2	19	4.47
AHM85PS24, AHM85PS24C2	24	3.54

Model Differences:

All models are similar with the differences in Main Transformer T1 windings, and minor differences in secondary circuit for different output.

Models with "C2" (Class II models) have 2 pin Class II appliance inlet. Models without "C2" (Class I models) have 3 pin Class I appliance inlet.

Model number can be followed with suffix as below:

- Blank: C14 input connector (Class I model) or C18 input connector (Class II model);
- "A": C14 input connector with optional cable retention (Class I model);
- "6": C6 input connector (Class I model);
- "6A": C6 input connector with optional cable retention (Class I model);
- "8": C8 input connector (Class II model);
- "8A": C8 input connector with optional cable retention (Class II model).



America

CERTIFICATE

No. Z1 11 12 57396 122

Holder of Certificate: XP Power LLC.



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

Production Facility(ies):

59319, 71712

Certification Mark:



Product:

Power supply
(Power Supply)

Model(s):

AHM100PS24 XD0112A, AHM100PSXX, AHM100PSXXC2
(where XX is number between 12-48 indicating output voltage, can be followed by "A" or "6" or "6A" or "8" or "8A" for different input connector types and optional cable retention)

Parameters:

Rated Input Voltage: 100-240 VAC,
Rated Frequency: 50/60 Hz
Rated Input Current: 1.2 A
Rated Output Ratings: See attachment
Protection Class: Class I or Class II
Elevation for use: 0-3000 m above sea level
Temperature, Ambient: 40°C with maximum output power
60°C with 60% maximum output power.

See attachment for further information.

Tested according to: EN 60601-1:2006

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.: 095-1110937-000

Date, 2011-12-07

Page 1 of 2





America

**ATTACHMENT TO CERTIFICATE NO. Z1 11 12 57396 122
FOR XP POWER
POWER SUPPLY**

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM100PS12, AHM100PS12C2	12	8.33
AHM100PS15, AHM100PS15C2	15	6.67
AHM100PS19, AHM100PS19C2	19	5.26
AHM100PS24, AHM100PS24C2	24	4.16
AHM100PS48, AHM100PS48C2	48	2.08

Model Differences:

All models are similar with the differences in Main Transformer T2 windings, and minor differences in secondary circuit for different output.

Models with "C2" (Class II models) have 2 pin Class II appliance inlet. Models without "C2" (Class I models) have 3 pin Class I appliance inlet.

Model AHM100PS24 XD0112A is identical to AHM100PS24 except that AHM100PS24 XD0112A can use an alternate input connector.

Model number can be followed with suffix as below:

- "A": C14 style input connector with optional cable retention;
- "6": C6 style input connector ;
- "6A": C6 style input connector with optional cable retention;
- "8": C8 style input connector ;
- "8A": C8 style input connector with optional cable retention.

Remarks:

- The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The power supply was not evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide.



America

CERTIFICATE

No. Z1A 12 08 57396 165

Holder of Certificate: XP Power LLC.



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

Factory(ies): 59319, 71712

Certification Mark:



Product: Power supply
(Power Supply)

Model(s): AHM100PS24-XD0112A , AHM100PSXX, AHM100PSXXC2
(where XX is number between 12-48 indicating output voltage, "C2" for Class II configuration; can be followed by "-A" or "-6" or "-6A" or "-8" or "-8A" for different input connector type and optional clamp retention)
Please see attachment for detailed model information.

Parameters:

Rated Input Voltage:	100-240 VAC,
Rated Frequency:	50/60 Hz
Rated Input Current:	1.2 A
Rated Output Ratings:	See attachment for output ratings
Protection Class:	Class I or Class II
Elevation for use:	0-3048 m above sea level
Temperature, Ambient:	40°C with maximum output power 60°C with 60% maximum output power

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

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: SI1208702102-000

Valid until: 2017-08-22

Date, 2012-08-30

(Henrik Poulsen)

Page 1 of 2





America

**ATTACHMENT TO CERTIFICATE NO. Z1A 12 08 57396 165
FOR XP POWER LLC
POWER SUPPLY**

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM100PS12, AHM100PS12C2	12	8.33
AHM100PS15, AHM100PS15C2	15	6.67
AHM100PS19, AHM100PS19C2	19	5.26
AHM100PS24, AHM100PS24C2	24	4.16
AHM100PS48, AHM100PS48C2	48	2.08

Note: Model AHM100PS24- XD0112A is identical as model AHM100PS24.

Models with "C2" (Class II models) have 2 pin Class II appliance inlet. Models without "C2" (Class I models) have 3 pin Class I appliance inlet.

Model number can be followed with suffix as below:

Blank: C14 input connector (Class I model) or C18 input connector (Class II model);

"-A": C14 input connector with optional clamp retention(Class I model);

"-6": C6 input connector (Class I model);

"-6A": C6 input connector with optional clamp retention (Class I model);

"-8": C8 input connector (Class II model);

"-8A": C8 input connector with optional clamp retention (Class II model).



America

CERTIFICATE

No. B 13 02 57396 197

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):

AHM150PSXXYY-ZZ Series
(Where XX is any number between 12-48 designating
output voltage, where YY can be "C2" or blank, and
-ZZ can be "-A", "-6", "-6A", "-8", "-8A", or blank).
AHM15PS19-XB0310x (where x is a alphanumeric
for marketing purposes only),
AHM150PS24C2-A-XE0544
and AHM150PS24C2-A

Parameters:

Rated Input Voltage:	100-240 V AC,
Rated Frequency:	50/60 Hz
Rated Input Current:	1.8 A
Rated Output Voltage:	See attachment
Protection Class:	Can be installed in Class I or Class II end product
Temperature, Ambient:	40°C with maximum output power, 60°C with 60% maximum output power

See attachment for further information.

Tested according to: EN 60601-1:2006

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.: SI1206383-200

Date, 2013-02-12

Page 1 of 3





America

ATTACHMENT TO CERTIFICATE NO. B 13 02 57396 197 FOR XP POWER LLC

POWER SUPPLY

General Product information:

Models covered in this report are open frame power supplies intended to be used in Medical Electrical Equipment. Units are intended for building in Class I or Class II end-products.

Rated Outputs:

Model AHM150PS12: 12 Vdc, 12.5 A

Model AHM150PS15: 15 Vdc, 10.0 A

Model AHM150PS19: 19 Vdc, 7.89 A

Model AHM150PS24: 24 Vdc, 6.25 A

Model AHM150PS48: 48 Vdc, 3.13 A

Model AHM15PS19-XB0310x: 18 Vdc, 7.89 A

Model AHM150PS24C2-A-XE0544 and AHM150PS24C2-A: 27 Vdc, 5.55 A



America

ATTACHMENT TO CERTIFICATE NO. B 13 02 57396 197 FOR XP POWER LLC

Conditions of Acceptability:

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

- The component shall be provided in compliance with the Marking (clause 7) and Separation (clause 8) requirements of the end use application.
- The power supply was evaluated for use in 40°C ambient at Full Rated Output and 60% of the Rated Output in 60°C ambient.
- Repeating leakage current testing should be considered in the end product application.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth/Secondary Reference Conductor; and One MOPP between Secondary and Earth/Secondary Reference Conductor.
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The end product should ensure that the requirements related to accompanying documents, clause 7.9, are met.
- The available voltage for the secondary outputs does not exceed 25 Vac or 60 Vdc, under normal and single fault conditions.
- The output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use machine.
- The Electric Strength Test conducted on this power supply was based upon a maximum working voltage of: Primary-Earthed Dead Metal (Class I units): 432 Vpk, 244 Vrms; Primary-SEC: 432 Vpk, 244 Vrms.
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJ2 insulation system with the indicated rating greater than Class A (105°C): L1-L4, L5, L7 and T1 are min. Class B (130°C).
- Cleaning test to be considered as part of end product evaluation.
- The need for Marking Durability and Marking Legibility Testing to be considered as part of the end product installation.
- Power cord suitable for the application to be provided as part of the end product evaluation.

Rpt. Ref. No.: SI1206383-200

Page 3 of 3

2013-02-12



America

CERTIFICATE

No. Z1A 12 08 57396 166

Holder of Certificate: XP Power LLC.



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

Factory(ies): 59319, 71712

Certification Mark:



Product: Switching power supply unit
(Switching Brick Power Supply)

Model(s): AHM150PSXX
(where XX is number between 12-48 indicating output voltage, can be followed by "-A" or "-6" or "-6A" or "-8" or "-8A" for different input connector type and optional cable retention)
For additional information and details see attachment

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Frequency:	50/60 Hz
Rated Input Current:	1.8 A
Rated Output Ratings:	See attachment for output ratings
Protection Class:	Class I or Class II
Elevation for use:	0-3048 m above sea level
Temperature, Ambient:	40°C with maximum output power 60°C with 60% maximum output power

See attachment for additional information.

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

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: SI1208702103-000

Valid until: 2017-08-22

Date, 2012-08-30

(Henrik Poulsen)



Page 1 of 2



America

**ATTACHMENT TO CERTIFICATE NO. Z1A 12 08 57396 166
FOR XP POWER LLC**

SWITCHING BRICK POWER SUPPLY

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Current (A)
AHM150PS12, AHM150PS12C2	12	12.5
AHM150PS15, AHM150PS15C2	15	10.0
AHM150PS19, AHM150PS19C2	19	7.89
AHM150PS24, AHM150PS24C2	24	6.25
AHM150PS48, AHM150PS48C2	48	3.13

Models with "C2" (Class II models) have 2 pin Class II appliance inlet. Models without "C2" (Class I models) have 3 pin Class I appliance inlet.

Model number can be followed with suffix as below:

Blank: C14 input connector (Class I model) or C18 input connector (Class II model);

"-A": C14 input connector with optional clamp retention(Class I model);

"-6": C6 input connector (Class I model);

"-6A": C6 input connector with optional clamp retention (Class I model);

"-8": C8 input connector (Class II model);

"-8A": C8 input connector with optional clamp retention (Class II model).



America

CERTIFICATE

No. B 12 04 57396 139

Holder of Certificate: XP Power LLC.



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

Production Facility(ies):

59319, 71712

Certification Mark:



Product:

Power supply
(Power Supply)

Model(s):

AHM180PSXXYY-ZZ
(where XX is number between 12-48 indicating output voltage, where YY can be "C2" or blank and -ZZ can be "-A" or "-6" or "-6A" or "-8" or "-8A" or blank for different input connector type and optional cable retention)

Parameters:

Rated Input Voltage: 100-240 V AC,
Rated Frequency: 50/60 Hz
Rated Input Current: 2.2 A
Rated Output Voltage: See attachment
Protection Class: I or II
Temperature, Ambient: 40°C with maximum output power,
60°C with 60% maximum output power
See attachment for further information.

Tested according to: EN 60601-1:2006

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.: 095-1105684-100

Date, 2012-04-12

Page 1 of 2





America

ATTACHMENT TO CERTIFICATE NO. B 12 04 57396 139 FOR XP POWER LLC

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM180PS12	12	13.75
AHM180PS15	15	12.0
AHM180PS19	19	9.47
AHM180PS24	24	7.5
AHM180PS48	48	3.75

Conditions of Acceptability:

- The component shall be provided in compliance with the Marking (clause 7) and Separation (clause 8) requirements of the end use application.
- The power supply was evaluated for use in 40°C ambient at Full Rated Output and 60% of the Rated Output in 60°C ambient.
- Leakage current testing should be conducted in the end product application.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth/Secondary Reference Conductor; and One MOPP between Secondary and Earth/Secondary Reference Conductor.
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The end product should ensure that the requirements related to accompanying documents, clause 7.9, are met.
- The available voltage for the secondary outputs does not exceed 25 Vac or 60 Vdc, under normal and single fault conditions.
- The output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use machine.
- The Electric Strength Test conducted on this power supply was based upon a maximum working voltage of: Primary-Earthed Dead Metal (Class I units): 440 Vpk, 240 Vrms; Primary-SEC: 440 Vpk, 240 Vrms.
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C): L1-L4, L5, L7 and T1 are min. Class B (130°C).
- Cleaning test to be considered as part of end product evaluation.
- The need for Marking Durability and Marking Legibility Testing to be considered as part of the end product installation.
- Power cord suitable for the application to be provided as part of the end product evaluation.



America

CERTIFICATE

No. Z1A 12 08 57396 167

Holder of Certificate: XP Power LLC.



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

Factory(ies): 71712, 59319

Certification Mark:



Product: Switching power supply unit
(Switching Brick Power Supply)

Model(s): AHM180PSXX, AHM180PSXXC2
(where XX is number between 12-48 indicating output voltage, "C2" for Class II configuration; can be followed by "-A" or "-6" or "-6A" or "-8" or "-8A" for different input connector type and optional clamp retention)
Please see attachment for detailed model information.

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Frequency:	50/60 Hz
Rated Input Current:	2.2 A
Rated Output Ratings:	See attachment for output ratings
Protection Class:	Class I or Class II
Elevation for use:	0-3048 m above sea level
Temperature, Ambient:	40°C with maximum output power 60°C with 60% maximum output power

See attachment for additional information.

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

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: SI1208702104-000

Valid until: 2017-08-22

Date, 2012-08-30

(Henrik Poulsen)

Page 1 of 2





America

**ATTACHMENT TO CERTIFICATE NO. Z1A 12 08 57396 167
FOR XP POWER LLC**

SWITCHING BRICK POWER SUPPLY

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Current (A)
AHM180PS12, AHM180PS12C2	12	13.75
AHM180PS15, AHM180PS15C2	15	12
AHM180PS19, AHM180PS19C2	19	9.47
AHM180PS24, AHM180PS24C2	24	7.5
AHM180PS48, AHM180PS48C2	48	3.75

Models with "C2" (Class II models) have 2 pin Class II appliance inlet. Models without "C2" (Class I models) have 3 pin Class I appliance inlet.

Model number can be followed with suffix as below:

Blank: C14 input connector (Class I model) or C18 input connector (Class II model);

"-A": C14 input connector with optional clamp retention(Class I model);

"-6": C6 input connector (Class I model);

"-6A": C6 input connector with optional clamp retention (Class I model);

"-8": C8 input connector (Class II model);

"-8A": C8 input connector with optional clamp retention (Class II model).



America

CERTIFICATE

No. Z1 11 11 57396 116

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



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

Production Facility(ies):

59319, 71712

Certification Mark:



Product:

Power supply
(Power Supply)

Model(s):

AHM250PSXX
(where XX is number between 12-48 indicating output voltage, can be followed by "A" or "6" or "6A" for different input connector type and optional cable retention)

Parameters:

Rated Input Voltage: 100-240 VAC,
Rated Frequency: 50/60 Hz
Rated Input Current: 3 A
Rated Output Ratings: See attachment for output ratings
Protection Class: Class I
Temperature, Ambient: 40°C with maximum output power
60°C with 60% maximum output power
See attachment for further information.

Tested according to: EN 60601-1:2006

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.: 095-1110235-000

Date, 2011-11-10
Page 1 of 2



Please note

Certification is based on the TÜV SÜD America Testing and Certification Regulations.

On receipt of the certificate, the certificate holder becomes a partner in the TÜV SÜD America certification system and recognizes the current version of the Testing and Certification Regulations.

Requirements for the validity of the certificate in principle:

- Validity of the quoted test standard(s)
- Conditions for adequate manufacturing are maintained
- Regular surveillance of the facility is performed

EUROPE

- Low Voltage Directive 73/23/EEC
- Toys Directive 88/378/EEC
- Directive for Active Implantable Medical Devices 90/385/EEC
- Directive for Medical Devices 93/42/EEC
- Directive on In Vitro Diagnostic Medical Devices 98/79/EC
- Directive for Gas Appliances 90/396/EEC
- Directive for Personal Protective Equipment 89/686/EEC
- EMC Directive 89/336/EEC
- Directive for Recreational Craft 94/25/EC
- Directive for Machinery 98/37/EC
- Directive for Ex Safe Equipment 94/9/EC

- ENEC Agreement for luminaires

USA

- Nationally Recognized Testing Laboratory (NRTL) to 29 CFR 1910.7 by OSHA
- Accredited for FDA 510(k) Review

CANADA

- Accredited by the Standards Council of Canada for Safety and Electromagnetic Compatibility (EMC) certification of electrical and electronic products and systems.

Asia Pacific

- Recognized Certification Body to Electrical Products (Safety) Regulation; Hong Kong
- Conformity Assessment Body to the MRA for Medical Devices; Australia
- Conformity Assessment Body to the MRA for Medical Devices; New Zealand

Worldwide

- NCB im CB-Scheme des IECEE / NCB in the CB Scheme of IECEE
- TÜV SÜD Mark for products
- Management Systems Certification: Quality, Environmental, Food Safety, Medical, Telecom, Aerospace



America

ATTACHMENT TO CERTIFICATE NO. Z1 11 11 57396 116
FOR XP POWER LLC

POWER SUPPLY

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM250PS12	12	17.5
AHM250PS15	15	16.67
AHM250PS19	19	13.16
AHM250PS24	24	10.41
AHM250PS48	48	5.21

Model number can be followed with suffix as below:

- "A": optional cable retention clamp;
- "6": C6 type input appliance inlet ;
- "6A": both C6 type input appliance inlet and optional retention clamp.

Remarks:

- The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The power supply was not evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide.

None

Please note

Certification is based on the TÜV SÜD America Testing and Certification Regulations.

On receipt of the certificate, the certificate holder becomes a partner in the TÜV SÜD America certification system and recognizes the current version of the Testing and Certification Regulations.

Requirements for the validity of the certificate in principle:

- Validity of the quoted test standard(s)
- Conditions for adequate manufacturing are maintained
- Regular surveillance of the facility is performed

EUROPE

- Low Voltage Directive 73/23/EEC
- Toys Directive 88/378/EEC
- Directive for Active Implantable Medical Devices 90/385/EEC
- Directive for Medical Devices 93/42/EEC
- Directive on In Vitro Diagnostic Medical Devices 98/79/EC
- Directive for Gas Appliances 90/396/EEC
- Directive for Personal Protective Equipment 89/686/EEC
- EMC Directive 89/336/EEC
- Directive for Recreational Craft 94/25/EC
- Directive for Machinery 98/37/EC
- Directive for Ex Safe Equipment 94/9/EC

- ENEC Agreement for luminaires

USA

- Nationally Recognized Testing Laboratory (NRTL) to 29 CFR 1910.7 by OSHA
- Accredited for FDA 510(k) Review

CANADA

- Accredited by the Standards Council of Canada for Safety and Electromagnetic Compatibility (EMC) certification of electrical and electronic products and systems.

Asia Pacific

- Recognized Certification Body to Electrical Products (Safety) Regulation; Hong Kong
- Conformity Assessment Body to the MRA for Medical Devices; Australia
- Conformity Assessment Body to the MRA for Medical Devices; New Zealand

Worldwide

- NCB in CB-Scheme des IECEE / NCB in the CB Scheme of IECEE
- TÜV SÜD Mark for products
- Management Systems Certification: Quality, Environmental, Food Safety, Medical, Telecom, Aerospace



Product Service

CERTIFICATE

No. Z1A 13 12 57396 243

Holder of Certificate: XP Power LLC.



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

Factory(ies): 71712, 59319

Certification Mark:



Product: Switching power supply unit
(Switching Brick Power Supply)

Model(s): AHM250PSXX-T
(where XX is number between 12-48 indicating output voltage, can be followed by "-A" or "-6" or "-6A" for different input connector type and optional cable retention)
For additional information and details see attachment

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Frequency:	50/60 Hz
Rated Input Current:	3.0 A
Rated Output Ratings:	See attachment for output ratings
Protection Class:	Class I
Elevation for use:	0-5000 m above sea level
Temperature, Ambient:	40°C with maximum output power 60°C with 60% maximum output power

See attachment for additional information.

Tested according to: EN 60950-1/A12:2011
ZEK 01.4-08

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: SI1208702105-100

Valid until: 2018-12-18

Date, 2013-12-20 (Henrik Poulsen)

Page 1 of 2





**ATTACHMENT TO CERTIFICATE NO. Z1A 13 12 57396 243
FOR XP POWER LLC**

SWITCHING BRICK POWER SUPPLY

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Current (A)	Max. Output Power (W)
AHM250PS12	10.1-13.5	17.5	250
AHM250PS15	13.6-17	14.66	250
AHM250PS19	17.1-21	12.63	250
AHM250PS24	21.1-26	10.41	250
AHM250PS48	42.1-54	5.21	250

Model number can be followed with suffix as below:

- Blank: C14 input connector;
- "-A": C14 input connector with optional clamp retention;
- "-6": C6 input connector;
- "-6A": C6 input connector with optional clamp retention;