

# Certificate of Compliance

Certificate Number 050623-E137895-183744J  
Report Reference E137895, October 19, 1999  
Issue Date 2005 June 23

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*Issued to:* **XPIQ Inc.**  
**260 Hopping Brook Rd**  
**Holliston, MA 01746 USA**

*This is to certify that representative samples of*

## **Switching Power Supplies**

**Models AEH130PS3V3, AEH130PS05, AEH130PS07, AEH130PS09, AEH130PS15, AEH130PS18, AEH130PS24, AEH130PS36, EH130PS48, AEH130PS54, AEH130PD01, AEH130PD02, AEH130PD03, and AEH130PD04**

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*


*Standard(s) for Safety:* **CSA C22.2, No. 60950-1 and UL 60950-1, First Edition, dated April 1, 2003, Standard for Safety of Information Technology Equipment**

*Additional Information:*

**The equipment is movable, Class I (earthed), pluggable Type A or B, uses detachable power cord and is intended for use on a TN power system. The equipment was tested for use at the maximum manufacturer's recommended ambient (Tmra) of 25° C.**

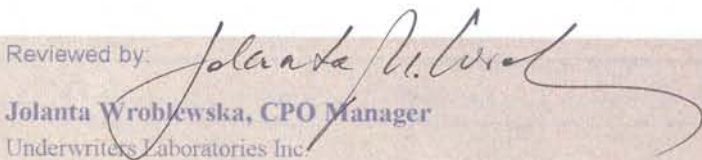
**Electrical Ratings: 100-240 V ac, 3.2 A, 47-63 Hz.**

**Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.**

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

**Look for the UL Listing Mark on the product**

Issued by:  
  
**Helena Biscaglio, Administrative Specialist**  
Underwriters Laboratories Inc.

Reviewed by:  
  
**Jolanta Wroblewska, CPO Manager**  
Underwriters Laboratories Inc.



QQGQ.E317867

Power Supplies, Information Technology Equipment Including Electrical Business Equipment

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Power Supplies, Information Technology Equipment Including Electrical Business Equipment

See General Information for Power Supplies, Information Technology Equipment Including Electrical Business Equipment

**XP POWER LTD**  
401 COMMONWEALTH DR  
HAW PAR TECHNOCENTRE  
LOBBY B, #02-02  
SINGAPORE, 149598 SINGAPORE

E317867



Trademark and/or Tradename:

AC adapters, Model(s) AEB100PS12, AEB100PS125, AEB100PS15, AEB100PS24, AEB100PS48, AEB45US12, AEB45US15, AEB45US18, AEB45US19, AEB45US24, AEB45US48

AC adaptors, Model(s) AML180PS18C6zzzz (&), AML180PS18yzzzz (&), AML180PS19C6zzzz (&), AML180PS19yzzzz (&), AML180PS24C6zzzz (&), AML180PS24yzzzz (&), AML180PS48C6zzzz (&), AML180PS48yzzzz (&)

Adapters, Model(s) CUP36-10, CUP36-11, CUP36-12, CUP36-12-1, CUP36-13, CUP36-13-1, CUP36-14, CUP36-18, CUP45 -10(X), CUP45 -12(X), CUP45 -13(X), CUP45 -13-1(X), CUP45 -13-2(X), CUP45 -14(X), CUP45 -18(X), CUP70 -12(X), CUP70 -13(X), CUP70 -13-1(X), CUP70 -13-2(X), CUP70 -14(X), CUP70 -18(X), CUP70-16XX(g)

Directing plug in switching adapters, Model(s) VEP08US03-xy, VEP08US033-xy, VEP08US042-xy, VEP08US05-xy, VEP08US055-xy, VEP08US057-xy, VEP08US06-xy, VEP08US065-xy, VEP08US07-xy, VEP08US075-xy, VEP08US08-xy, VEP08US085-xy, VEP08US09-xy, VEP08US105-xy, VEP08US12-xy, VEP08US125-xy, VEP08US138-xy, VEP08US15-xy, VEP08US18-xy

Power adapters, Model(s) CUP45-10YY (b), CUP45-12YY (b), CUP45-13-1YY (b), CUP45-13-2YY (b), CUP45-13YY (b), CUP45-14YY (b), CUP45-18YY (b), CUP70-12YY (b), CUP70-13-1YY (b), CUP70-13-2YY (b), CUP70-13YY (b), CUP70-14YY (b), CUP70-16YY (b), CUP70-18YY (b), HUP-17YY (b), HUP45-00YY (b), HUP45-02YY (b), HUP45-10-1YY (b), HUP45-10YY (b), HUP45-11YY (b), HUP45-12YY (b), HUP45-13-1YY (b), HUP45-13YY (b), HUP45-14YY (b), HUP45-16YY (b), HUP45-18YY (b), HUP45-21YY (b), HUP45-22YY (b), HUP45-23YY (b), HUP45-24YY (b), HUP45-25-1YY (b), HUP45-25YY (b), HUP45-26YY (b), HUP45-30YY (b), HUP45-31YY (b), HUP45-32YY, HUP45-36-1YY, HUP45-36-3YY (b), HUP45-39-1YY, HUP45-39YY

Power supplies, Model(s) AMM150PSxCyzzzz (a), HUP15X-00YY (b)(e), HUP15X-10-1YY (b)(e), HUP15X-10YY (b)(e), HUP15X-11YY (b)(e), HUP15X-12YY (b)(e), HUP15X-13-1YY (b)(e), HUP15X-13YY (b)(e), HUP15X-14YY (b)(e), HUP15X-16YY (b)(e), HUP15X-17YY (b)(e), HUP15X-18YY (b)(e), HUP40-10-1YY (b), HUP40-10YY (b), HUP40-11YY (b), HUP40-12YY (b), HUP40-13-1YY (b), HUP40-13YY (b), HUP40-14YY (b), HUP40-16YY (b), HUP40-17YY (b), HUP40-23-1YY (b), HUP40-23YY (b), HUP40-24YY (b), HUP40-25YY (b), HUP40-30YY (b), HUP40-31-1YY (b), HUP40-31YY (b), HUP40-32YY (b), HUP60-10-1YY (b), HUP60-10YY (b), HUP60-11YY (b), HUP60-12YY (b), HUP60-13-1YY (b), HUP60-13YY (b), HUP60-14YY (b), HUP60-16YY (b), HUP60-17YY (b), HUP60-18YY (b), HUP60-00YY (b), HUP60-10-1YY (b), HUP60-10YY (b), HUP60-11YY (b), HUP60-12YY (b), HUP60-13-1YY (b), HUP60-13YY (b), HUP60-14YY (b), HUP60-14YY (b), HUP60-16YY (b), HUP60-17YY (b), HUP60-18YY (b), HUP60-23YY (b), HUP60-24YY (b), HUP60-25-1YY (b), HUP60-25YY (b), HUP60-26YY (b), HUP60-27YY (b), HUP60-30YY (b), HUP60-31YY (b), HUP60-32YY (b), HUP60-36-1YY (b), HUP60-36-3YY (b), HUP60-39-1YY (b), HUP60-39YY (b), PUP110-10-0-ZZ-S (b), PUP110-10-ZZ-S (b), PUP110-10-S8-ZZ-S (b), PUP110-10-ZZ-S (b), PUP110-12-0-ZZ-S (b), PUP110-12-1-ZZ-S (b), PUP110-12-2-ZZ-S (b), PUP110-12-S8-ZZ-S (b), PUP110-12-ZZ-S (b), PUP110-13-0-ZZ-S (b), PUP110-13-1-ZZ-S (b), PUP110-13-2-ZZ-S (b), PUP110-13-S8-ZZ-S (b), PUP110-13-ZZ-S (b), PUP110-14-0-ZZ-S (b), PUP110-14-1-ZZ-S (b), PUP110-14-2-ZZ-S (b), PUP110-14-S8-ZZ-S (b), PUP110-14-ZZ-S (b), PUP110-16-0-ZZ-S (b), PUP110-16-1-ZZ-S (b), PUP110-16-2-ZZ-S (b), PUP110-16-S8-ZZ-S (b), PUP110-16-ZZ-S (b), PUP110-18-0-ZZ-S (b), PUP110-18-1-ZZ-S (b), PUP110-18-2-ZZ-S (b), PUP110-18-S8-ZZ-S (b), PUP110-18-ZZ-S (b), PUP110-23-0-ZZ-S (b), PUP110-23-1-ZZ-S (b), PUP110-23-2-ZZ-S (b), PUP110-23-S8-ZZ-S (b), PUP110-23-ZZ-S (b), PUP110-26-0-ZZ-S (b), PUP110-26-1-ZZ-S (b), PUP110-26-2-ZZ-S (b), PUP110-26-S8-ZZ-S (b), PUP110-26-ZZ-S (b), PUP110-31-0-ZZ-S (b), PUP110-31-1-ZZ-S (b), PUP110-31-2-ZZ-S (b), PUP110-31-S8-ZZ-S (b), PUP110-31-ZZ-S (b), PUP110-32-0-ZZ-S (b), PUP110-32-1-ZZ-S (b), PUP110-32-2-ZZ-S (b), PUP110-32-S8-ZZ-S (b), PUP110-32-ZZ-S (b), PUP110-40-0-ZZ-S (b), PUP110-40-1-ZZ-S (b), PUP110-40-2-ZZ-S (b), PUP110-40-S8-ZZ-S (b), PUP110-40-ZZ-S (b), PUP110-41-0-ZZ-S (b), PUP110-41-1-ZZ-S (b), PUP110-41-2-ZZ-S (b), PUP110-41-S8-ZZ-S (b), PUP110-41-ZZ-S (b), PUP110-42-0-ZZ-S (b), PUP110-42-1-ZZ-S (b), PUP110-42-2-ZZ-S (b), PUP110-42-S8-ZZ-S (b), PUP110-42-ZZ-S (b), PUP110-45-0-ZZ-S (b), PUP110-45-1-ZZ-S (b), PUP110-45-2-ZZ-S (b), PUP110-45-S8-ZZ-S (b), PUP110-45-ZZ-S (b), PUP110-46-0-ZZ-S (b), PUP110-46-1-ZZ-S (b), PUP110-46-2-ZZ-S (b), PUP110-46-S8-ZZ-S (b), PUP110-46-ZZ-S (b), PUP30-10 (h), PUP30-10-1 (h), PUP30-10-2 (h), PUP30-11 (h), PUP30-12 (h), PUP30-13 (h), PUP30-13-1 (h), PUP30-14 (h), PUP30-16 (h), PUP30-17 (h), PUP30-18 (h), PUP30-23 (h), PUP30-24 (h), PUP30-25 (h), PUP30-31 (h), PUP30-32 (h), PUP30-32-1 (h), PUP30-32-4 (h), PUP55-10-1, PUP55-10-10, PUP55-11, PUP55-12, PUP55-13, PUP55-13-1, PUP55-14, PUP55-16, PUP55-17, PUP55-18, PUP55-23, PUP55-24, PUP55-25, PUP55-31, PUP55-31-3D, PUP55-32

Power supply adapters, Model(s) AEB36US05, AEB36US09, AEB36US12, AEB36US13, AEB36US15, AEB36US18, AEB36US24, AEB36US48

Power supply adaptors, Model(s) PUP130-12-YYY-Z [j], PUP130-13-1-YYY-Z [j], PUP130-13-2-YYY-Z [j], PUP130-13-3-YYY-Z [j], PUP130-14-YYY-Z [j], PUP130-16-YYY-Z [j], PUP130-17-YYY-Z [j], PUP130-18-YYY-Z [j], PUP56-1X-YYY-Z (k), PUP60-10-1-YYY-Z (j), PUP60-10-2-YYY-Z (j), PUP60-11-YYY-Z (j), PUP60-12-YYY-Z (j), PUP60-13-1-YYY-Z [j], PUP60-13-2-YYY-Z [j], PUP80-14-YYY-Z [j], PUP80-16-YYY-Z [j], PUP80-17-YYY-Z [j], PUP80-18-YYY-Z [j]

Switching power supply units, Model(s) AFM120PS22, AFM120PS22C6, AFM120PS24, AFM120PS24C6, AFM120PS26, AFM120PS26C6

Switch-mode brick style power supplies, Model(s) PDM60US12, PDM60US15, PDM60US18, PDM60US24, PDM60US30, PDM60US36, PDM60US48

Switching power adapters, Model(s) AEB70US12, AEB70US15, AEB70US16, AEB70US18, AEB70US19, AEB70US24, AEB70US48, AED100US12V1xy (d), AED100US12V2xy (d), AED100US12V3xy (d), AED100US12V4xy (d), AED100US12V5xy (d), AED100US12V6xy (d), AED100US12V7xy (d), AED100US12V8xy (d), AED100US12V9xy (d), AED100US12xy (d), AED100US13V1xy (d), AED100US13V2xy (d), AED100US13V3xy (d), AED100US13V4xy (d), AED100US13V5xy (d), AED100US13V6xy (d), AED100US13V7xy (d), AED100US13V8xy (d), AED100US13V9xy (d), AED100US13xy (d), AED100US14V1xy (d), AED100US14V2xy (d), AED100US14V3xy (d), AED100US14V4xy (d), AED100US14V5xy (d), AED100US14V6xy (d), AED100US14V7xy (d), AED100US14V8xy (d), AED100US14V9xy (d), AED100US14xy (d), AED100US15V1xy (d), AED100US15V2xy (d), AED100US15V3xy (d), AED100US15V4xy (d), AED100US15V5xy (d), AED100US15V6xy (d), AED100US15V7xy (d), AED100US15V8xy (d), AED100US15V9xy (d), AED100US15xy (d), AED100US16V1xy (d), AED100US16V2xy (d), AED100US16V3xy (d), AED100US16V4xy (d), AED100US16V5xy (d), AED100US16V6xy (d), AED100US16V7xy (d), AED100US16V8xy (d), AED100US16V9xy (d), AED100US16xy (d), AED100US17V1xy (d), AED100US17V2xy (d), AED100US17V3xy (d), AED100US17V4xy (d), AED100US17V5xy (d), AED100US17V6xy (d), AED100US17V7xy (d), AED100US17V8xy (d), AED100US17V9xy (d), AED100US17xy (d), AED100US18V1xy (d), AED100US18V2xy (d), AED100US18V3xy (d), AED100US18V4xy (d), AED100US18V5xy (d), AED100US18V6xy (d), AED100US18V7xy (d), AED100US18V8xy (d), AED100US18V9xy (d), AED100US18xy (d), AED100US19V1xy (d), AED100US19V2xy (d), AED100US19V3xy (d), AED100US19V4xy (d), AED100US19V5xy (d), AED100US19xy (d), AED100US24xy (d), AED100US28xy (d), AED100US29xy (d), AED100US30xy (d), AED100US36xy (d), AED100US48xy (d), AMD150PS12C6zzzz (&), AMD150PS12yzzzz (&), AMD150PS19C6zzzz (&), AMD150PS19yzzzz (&), AMD150PS24C6zzzz (&), AMD150PS24yzzzz (&)

Switching power adaptors, Model(s) AML120PS19YY (b), AML120PS20YY (b)

Switching power supplies, Model(s) HUP24-10YY (b)

Switching power supplies, Model(s) AEF100PSxxy, AEF120PSxxy, AEF150PSxxy, AEH130PD01, AEH130PD01/#20030-01, AEH130PD01/#20031-01, AEH130PD02, AEH130PD03, AEH130PD04, AEH130PS05, AEH130PS05>2581, AEH130PS07, AEH130PS07/#30014-01, AEH130PS09, AEH130PS09/#10021-01, AEH130PS12, AEH130PS12/#10060-01, AEH130PS12/#10078-01, AEH130PS15, AEH130PS18, AEH130PS24, AEH130PS24>2108, AEH130PS24>2569, AEH130PS28, AEH130PS28/#30035-01, AEH130PS28>2160, AEH130PS36, AEH130PS36/#20011-01, AEH130PS36, AEH130PS36>2136, AEH130PS48, AEH130PS48/#30001-01, AEH130PS48/#30018-01, AEH130PS48>2652, AEH130PS54, AEL15USzC6xy, AEL15USzXY, AEL80US11-XY (f1), AEL80US12-XY (f1), AEL80US13-XY (f1), AEL80US14-XY (f1), AEL80US15-XY (f1), AEL80US16-XY (f1), AEL80US17-XY (f1), AEL80US18-XY (f1), AEL80US19-XY (f1), AEL80US20-XY (f1), AEL80US21-XY (f1), AEL80US22-XY (f1), AEL80US23-XY (f1), AEL80US24-XY (f1), AEL80US25-XY (f1), AEL80US26-XY (f1), AEL80US27-XY (f1), AEL80US28-XY (f1), AEL80US29-XY (f1), AEL80US30-XY (f1), AEL80US31-XY (f1), AEL80US32-XY (f1), AEL80US33-XY (f1), AEL80US34-XY (f1), AEL80US35-XY (f1), AEL80US36-XY (f1), AEL80US37-XY (f1), AEL80US38-XY (f1), AEL80US39-XY (f1), AEL80US40-XY (f1), AEL80US41-XY (f1), AEL80US42-XY (f1), AEL80US43-XY (f1), AEL80US44-XY (f1), AEL80US45-XY (f1), AEL80US46-XY (f1), AEL80US47-XY (f1), AEL80US48-XY (f1), AML120PS12YY (b), AML120PS15YY (b), AML120PS18YY (b), AML120PS24YY (b), AML120PS30YY (b), AML120PS36YY (b), AML120PS48YY (b), AML150PS12XX (c), AML150PS15XX (c), AML150PS19XX (c), AML150PS20XX (c), AML150PS24XX (c), HUP15X-00YY (b)(e), HUP15X-10-1YY (b)(e), HUP15X-10YY (b)(e), HUP15X-11YY (b)(e), HUP15X-12YY (b)(e), HUP15X-13-1YY (b)(e), HUP15X-13YY (b)(e), HUP15X-14YY (b)(e), HUP15X-16YY

(b)(e), HUP15X-17YY (b)(e), HUP15X-18YY (b)(e), HUP24-10-1YY (b), HUP24-11YY (b), HUP24-12YY (b), HUP24-13-1YY (b), HUP24-13YY (b), HUP24-14YY (b), HUP24-16YY (b), HUP24-17YY (b), HUP24-18YY (b), VEH60US12xy, VEH60US15xy, VEH60US16xy, VEH60US18xy, VEH60US19xy, VEH60US20xy, VEH60US24xy, VEH60US30xy

Switching Power Supply, Model(s) AEL60US12-XY, AEL60US13-XY, AEL60US14-XY, AEL60US15-XY, AEL60US16-XY, AEL60US17-XY, AEL60US18-XY, AEL60US19-XY, AEL60US20-XY, AEL60US21-XY, AEL60US22-XY, AEL60US23-XY, AEL60US24-XY, AEL60US25-XY, AEL60US26-XY, AEL60US27-XY, AEL60US28-XY, AEL60US29-XY, AEL60US30-XY, AEL60US31-XY, AEL60US32-XY, AEL60US33-XY, AEL60US34-XY, AEL60US35-XY, AEL60US36-XY, AEL60US37-XY, AEL60US38-XY, AEL60US39-XY, AEL60US40-XY, AEL60US41-XY, AEL60US42-XY, AEL60US43-XY, AEL60US44-XY, AEL60US45-XY, AEL60US46-XY, AEL60US47-XY, AEL60US48-XY, AEL60US49-XY and AEL60US50-XY (w)

Switching Power Supply (Desktop), Model(s) AEL20USZ-XY (@), AEL20USZC2-XY (@), AEL40USZ-XY (#), AEL40USZ-XY (\$) )

Switching power supply adapters, Model(s) HUP80-45

Switching power supply units, Model(s) AFM120PS12, AFM120PS12C6, AFM120PS135, AFM120PS135C6, AFM120PS138, AFM120PS138C6, AFM120PS15, AFM120PS15C6, AFM120PS16, AFM120PS16C6, AFM120PS17, AFM120PS17C6, AFM120PS18, AFM120PS18C6, AFM120PS19, AFM120PS19C6, AFM120PS20, AFM120PS20C6, AFM120PS22C6, AFM120PS28, AFM120PS28C6, AFM120PS295, AFM120PS295C6, AFM120PS30, AFM120PS30C6, AFM120PS33, AFM120PS33C6, AFM120PS36, AFM120PS36C6, AFM120PS48, AFM120PS48C6, VEP15US03-XXXXXX, VEP15US033-XXXXXX, VEP15US036-XXXXXX, VEP15US04-XXXXXX, VEP15US042-XXXXXX, VEP15US045-XXXXXX, VEP15US05-XXXXXX, VEP15US052-XXXXXX, VEP15US055-XXXXXX, VEP15US059-XXXXXX, VEP15US06-XXXXXX, VEP15US065-XXXXXX, VEP15US07-XXXXXX, VEP15US075-XXXXXX, VEP15US08-XXXXXX, VEP15US085-XXXXXX, VEP15US09-XXXXXX, VEP15US10-XXXXXX, VEP15US105-XXXXXX, VEP15US12-XXXXXX, VEP15US138-XXXXXX, VEP15US15-XXXXXX, VEP15US16-XXXXXX, VEP15US175-XXXXXX, VEP15US18-XXXXXX, VEP15US19-XXXXXX, VEP15US20-XXXXXX, VEP15US22-XXXXXX, VEP15US23-XXXXXX, VEP15US24-XXXXXX

(#) - Z=05, 06, 08-13, 16-27, 40-50; X, Y=blank, 0-9 or A-Z

(\$) - Z=05-50, XY=blank, 0-9 or A-Z

(&) - Where y maybe C6 or blank; where Z maybe 0-9, A-Z or blank for marketing purposes.

(a) - Where x maybe 12, 15, 19, 24, 27 or 48; where y maybe A-Z, 0-9, hyphen or blank.

(b) - Where YY maybe any alphanumeric character or blank.

(c) - Where XX maybe any alphanumeric character or blank.

(d) - Where x and y maybe any alphanumeric character or blank.

(e) - Where X maybe A, B, C or D to indicate equipment Class I for A and C series or Class II for B and D series.

(f1) - Where X maybe 0-9, A-Z or blank; where Y maybe 0-9, A-Z or blank.

(g) - Where XX maybe 70; where YY maybe 15; where ZZ maybe 02 or blank.

(h) - Followed by any alpha-numeric character; may be followed by S

(i) - ZZ may be any alpha-numeric character or blank; S may be S or blank

(j) - Y may be A-Z, 0-9, or blank; Z may be S or blank

(k) - X will be 2, 3, 3-1, 4, 6, 7, 8; Y may be A-Z, 0-9, or blank; Z may be S or blank

(w) - X can be blank, 0-9 or A-Z; Y can be blank, 0-9 or A-Z.

(X) - Where (X) maybe any alphanumeric character or a blank.

@ - Z = 05, 06, 11-16, 21-33, 40-48; X, Y=0-9, A-Z or blank

x & y - Where x and y maybe 0-9, A-Z or blank to indicate alternative output connectors.

x&y - Where x and y maybe 0-9, A-Z or blank.

z - Where z maybe 03 to 48; where X and Y maybe 0-9, A - Z or blank.

Last Updated on 2010-03-08

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