

# Home/Office Surge Protector

Models PH6T3-AZ, PH6VT3-AZ, PH6T3-UK and PH6VT3-UK

## User's Manual

Thank you for purchasing APC's PH6 series surge protector. Please complete and mail the Warranty Registration card, or complete the Warranty Registration form online at www.apc.com. **Note:** for the purposes of this manual, only one "T" model and one "VT3" model are shown.

### Safety

- Do not install this device during a lightning storm.
- For indoor use only.
- Do not install the surge protector in a hot or excessively moist location; do not use with aquarium equipment.

### Installation

1. Plug the surge protector into a grounded outlet only.
2. Plug the power cord from your computer and/or other electrical equipment into the surge protector outlets **1**. Note: The 3 outlets marked "Always On" are active regardless of whether the Power switch is ON or OFF.  
**Note:** Verify the device to be protected operates correctly before plugging it into the surge protector.
3. All PH6 series models provide a telephone line splitter to protect a phone line and fax or modem from harmful surges. Connect a modular telephone cord between the telephone wall outlet and surge protector jack **2** marked **☎**. Connect another modular telephone cord between the surge protector jack **3** marked **☎** and the telephone. Connect another phone line to the remaining surge protector phone line outlet **☐** and then to a modem or fax machine.
4. For PH6VT3-AZ and PH6VT3-UK models, connect a coaxial cable from the cable source to the connector **4** marked **☎**. Connect the supplied coaxial cable from the connector **5** marked **☎** to the equipment to be protected (cable TV box, VCR, TV, cable modem).
5. Place the Power switch **6** to the **ON** position.

**Protection Indicator** - PH6T3-UK and PH6VT3-UK protection indicator **7** is marked **220-240V~ 13 A MAX**. The PH6T3-AZ and PH6VT3-AZ protection indicator is marked **220-240V~ 10 A MAX**. When the unit is plugged in and turned on, the green protection indicator illuminates to show the surge protector is capable of protecting equipment from harmful electrical surges. If the indicator does not illuminate when the unit is plugged in and turned on, the unit has sustained damage and is no longer capable of protecting your equipment. It should be returned according to the instructions provided by APC Technical Support.

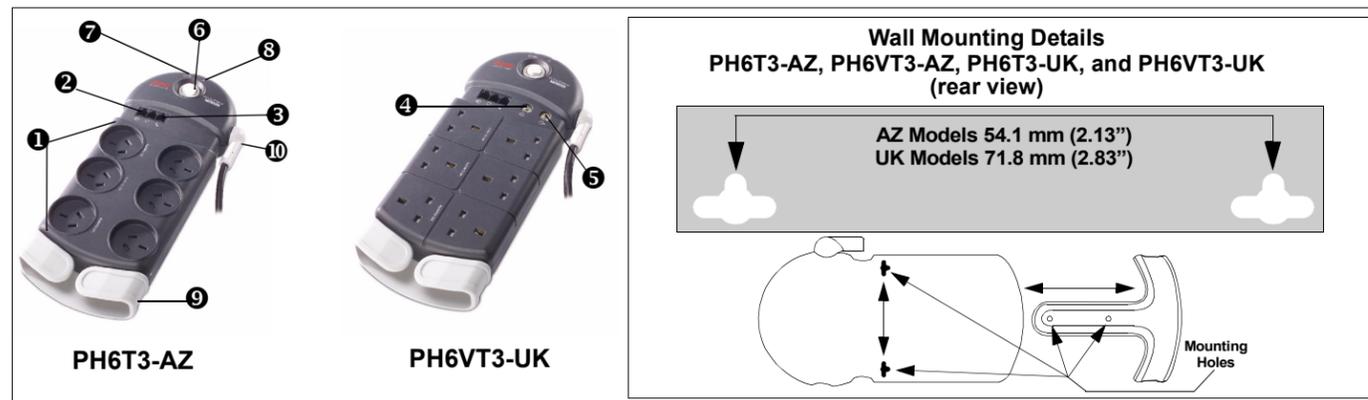
**Building Wiring Fault Indicator** **8** - With the unit plugged in and turned on, if the "Building Wiring Fault" **8** indicator illuminates (red), the building wiring is not properly grounded. Employ a qualified and licensed electrician to service the building wiring.

**Cord Management Guide** **9** - is provided for keeping power cords connected to the unit neat and organized, and can also be wall-mounted with the surge protector (see below).

**Pivoting Strain Relief** **10** - allows the power cord 180-degrees of top-to-bottom rotation to extend the life of the power cord and the surge protector.

### Specifications

Nominal Operating Voltage	220-240 Vac, 13 A MAX (PH6T3-UK and PH6VT3-UK) 220-240 Vac, 10 A MAX (PH6T3-AZ and PH6VT3-AZ)
Operating Frequency	50- 60 Hz
Operating Temperature	0 to 40° C (32 to 104° F)
Operating Relative Humidity	0 to 95%, non-condensing



### Limited Warranty

APC warrants its products to be free from defects in materials and workmanship under normal use and service for the lifetime of the original purchaser. Its obligation under this warranty is limited to repairing or replacing, at its sole option, any such defective products. To obtain service under warranty you must obtain a Returned Material Authorization (RMA) number from APC or an APC Service Center with transportation charges prepaid and must be accompanied by a brief description of the problem and proof of date and place of purchase. This warranty applies only to the original purchaser.

## Declaration of Conformity

<b>Application of Council Directives:</b>	73/23/EEC	
<b>Standards to Which Conformity Declared:</b>	BS1363, IEC 61643-1:1998+A1:2001, IEC 61643-11:2002	
<b>Manufacturer's Name and Address:</b>	American Power Conversion, Inc. 132 Fairgrounds Road, West Kingston, Rhode Island 02892 USA or APC Philippines, Inc. 2nd Street EPZA, Cavite Economic Zone Rosario, Cavite, Philippines or Lot 10, Block 16, Phase IV, PEZA, Rosario, Cavite, Philippines or Lot 3, Block 4, Phase III, PEZA, Rosario, Cavite, Philippines or American Power Conversion India Private Limited No. 187/3 & 188/3 Jigani Village, Jigani Hobli, Anekal Taluk, Bangalore District, India or APC Suzhou UPS Co. Ltd 339 Suhong Zhong Lu, Suzhou Industrial Park, Suzhou, Jiangsu People's Republic of China 215021 or APC Brasil Al Xingu 850, Barueri Alphaville, Sao Paulo, Brazil 06455-030 or Optimal Benefit Co. (Powertech Ind. Co) 10F, No. 403 Chung Shan Rd. Sec 2, Chung Ho City, Taipei Shien Taiwan	
<b>Importer's Name and Address:</b>	American Power Conversion (A. P. C.) b. v. Ballybritt Business Park, Galway, Ireland	
<b>Type of Equipment:</b>	Five-outlet AC Power, Single-Line Telephone, or Coaxial Cable Surge Protector	
<b>Model Numbers:</b>	PH6T3-UK and PH6VT3-UK	
<b>Serial Numbers:</b>	XB0401 00 0000 — XB0452 99 9999* XB0501 00 0000 — XB0552 99 9999* XB0601 00 0000 — XB0652 99 9999* XB0701 00 0000 — XB0752 99 9999*	
<b>Years of Manufacture:</b>	2004, 2005, 2006, 2007	
<b>Note:</b>	Where X = A, B, J, K, P, Q, W, Y	
We, the undersigned, hereby declare that the equipment specified above conforms to the above directives.		
<u>Billerica, MA</u> Place	<u>1/1/04</u> Date	 Stephen G. Williams Regulatory Compliance Engineer
<u>Galway, Ireland</u> Place	<u>1/1/04</u> Date	 Ray Ballard Managing Director, Europe

THIS POLICY IS NOT A WARRANTY. REFER TO APC LIMITED WARRANTY FOR INFORMATION CONCERNING THE WARRANTY FOR YOUR APC PRODUCT. THE LIMITATIONS AND CONDITIONS CONTAINED IN THIS POICY DO NOT AFFECT THE TERMS OF THE WARRANTY.

#### "Equipment Protection Policy"

The policy is valid in all European Union state members. It is also valid in Norway, Switzerland, Iceland, and Liechtenstein. If your electronic equipment is damaged by power line transients on an AC power line (230V – see Note below) while directly and properly connected to a standard APC product covered by the Equipment Protection Policy ("connected equipment"), and if all the remaining conditions specified below are met, APC will, at APC's sole option, during the period specified below only, replace the APC product and either a) pay for the repair of the connected equipment or b) reimburse you for the fair market value, as determined by the then current price list of the Boston Computer Exchange (or equivalent), of the connected equipment, in an amount not to exceed the dollar limits stated below, if APC determines that the damage was caused by the failure of the APC product to protect against power line transients and/or where applicable, telephone or CATV (Cable Television) line transients. Power line transients that APC products have been designed to protect against, as recognized by industry standards, include spikes and surges on AC power lines. Protection from telephone line transients applies only to APC products which offer modem or fax line protection, and in cases in which such protection is available, telephone service equipment must include a properly installed and operating "primary protection" device at the service entrance (such devices are normally added during telephone installation) in order to be covered for telephone line transients. Protection of CATV connected equipment from transients applies only to APC products which offer such protection, and in such cases, the CATV service must be properly grounded according to the codes set forth in the all applicable national and local electrical and safety codes in order to be covered for CATV transients.

#### "Data Recovery Policy"

If data is lost from the hard drive in the protected computer due to a malfunction of a properly connected APC product, APC will, at its sole discretion, provide data recovery services from Ontrack® data recovery labs. This warranty will be offered to customers to the extent commercially reasonable, as determined by APC at its sole discretion. Ontrack will make every commercially reasonable effort to retrieve customer data, however, due to the nature of data loss, recovery is not guaranteed. The data recovery warranty is available on all APC products mentioned in the chart that follows with the exception of APC's Basic Surge Protector models. Data recovery is limited to physical hard drives within protected computing equipment. Expressly excluded from this warranty are any type of external storage devices.

APC reserves the right to determine whether the damage to the connected equipment is due to APC product failure by requesting that damaged equipment be sent to APC for inspection. This policy is in excess of, and applies only to the extent necessary beyond, any coverage for the connected equipment provided by other sources, including, but not limited to, any manufacturer's warranty, and any extended warranty coverage.

#### Equipment Protection Policy Dollar and Period Limits:

For customers that meet the qualifications and conditions set forth in this policy, APC will provide reimbursements (cost of repair or fair market value) during the period limits and up to the dollar limit stated as follows:

Product	Amount	Period
PH6T3-UK and PH6VT3-UK	75,000 GBP/50,000 Euros	Lifetime

**Note:** "Lifetime" period is the life of the product while owned by the original purchaser ("you" or "purchaser"). Other period limitations are from the date of purchase.

#### Eligibility for coverage under the Equipment Protection Policy:

- You must register the product by returning to APC the warranty card provided with the product within 10 days of purchase. All information must be filled in, and you should retain a copy for your records.
- All connected equipment must have a CE mark.
- The APC product must be plugged into properly wired and grounded outlets; no extension cords, adapters, other ground wires, or electrical connections may be used, with the sole exception of other standard APC 230V products. The installation must not include power protection products by any manufacturer other than APC. The installation must comply with all applicable local electrical and safety codes.
- Any claim under the Equipment Protection Policy must be made within 10 days of the day of alleged damage to the connected equipment.
- The Equipment Protection Policy covers only those product models listed above and is valid in all Eurpean Union state members, as well as Norway, Switzerland, Iceland, and Liechtenstein.

#### What is not covered under the Equipment Protection Policy:

- DAMAGE TO ELECTRONIC EQUIPMENT RESULTING FROM TRANSIENTS ON DATA LINES IS NOT COVERED.
- Restoration of lost data and reinstallation of software are not covered.
- This policy does not cover damage from a cause other than AC power line transients, except for damage due to telephone line or CATV transients, which is covered only if the APC product offers such protection.
- DAMAGE CAUSED BY FAILURE TO PROVIDE A SUITABLE INSTALLATION ENVIRONMENT FOR THE PRODUCT (INCLUDING, BUT NOT LIMITED TO, LACK OF A PROPER SAFETY GROUND).
- Damage caused by the use of the APC product for purposes other than those for which it was designed.
- Damage caused by accidents, or disasters such as fire, flood, or wind.
- Damage caused by abuse, misuse, alternation, modification, or negligence.
- This policy is null and void if, in APC's view, the APC product has been tampered with or altered in any way.
- EXCEPT AS EXPRESSLY PROVIDED IN THIS POLICY, IN NO CASE SHALL APC BE LIABLE UNDER THE TERMS OF THIS POLICY FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR MULTIPLE DAMAGES ARISING OUT OF THE USE OF THE APC PRODUCT OR DAMAGE TO THE CONNECTED EQUIPMENT, REGARDLESS OF THE LEGAL THEORY ON WHICH SUCH CLAIM IS BASED, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. SUCH DAMAGES INCLUDE BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF USE OF THE APC PRODUCT OR THE CONNECTED EQUIPMENT OR ANY ASSOCIATED EQUIPMENT, LOSS OF SOFTWARE, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, THE CLAIMS OF THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY.

#### Submitting an Equipment Protection Policy Claim:

- If all of the conditions for coverage are satisfied, call the APC customer service department (see list at the end of the document for respective phone numbers) and obtain an EPP RMA (Equipment Protection Policy Returned Material Authorization) number. APC will forward you an Equipment Protection Policy claim form, which must be completed and filed within 30 days.
- Mark the Equipment Protection Policy RMA number on the product you are returning.
- Pack the APC product in its original packaging (or request packing materials from APC if the packaging has been discarded). Enclose the completed Equipment Policy claim form and a copy of your sales receipt for the APC product in box.
- Mark the EPP RMA number clearly on the outside of box.
- Ship the product (one way shipping charges paid by you) to:  
American Power Conversion, Technical Support, Ballybrit Business Park, Galway, Ireland  
Tel. +353 91 702000.
- APC will evaluate the product to determine its level of functionality, and will examine the product for evidence of damage from AC line transients (telephone line or CATV transients, if applicable). (A) If APC's evaluation provides no evidence of damage from power line transients (telephone line or CATV transients, if applicable), APC will send to the customer (i) a report summarizing the tests performed and (ii) a rejection of claim notice. (B) If the APC product shows evidence of damage from power line transients (telephone line or CATV transients, if applicable), APC will request that all connected equipment for which an Equipment Protection Policy claim has been submitted, be sent for evaluation to either APC or an authorized service center. If it is determined that the connected equipment has been damaged from AC power line transients (telephone line or CATV transients, if applicable), APC will, in its discretion, either authorize you to have the equipment repaired or reimburse you for the fair market value of the damaged equipment, up to the dollar limits stated above.
- If you are authorized by APC to have the connected equipment repaired, the repair must be performed at a service center that is authorized by the manufacturer of the connected equipment. APC reserves the right to contact the authorized service centre directly to discuss repair costs and damage to the connected equipment to determine if it was caused by AC power line transients (telephone line or CATV transients, if applicable) and the right to request that the service centre forward the connected equipment or components to APC for inspection.
- APC will, after determining that the damage was caused by the failure of the APC product to protect against AC power line transients (telephone line or CATV transients, if applicable), issue payment to you, in its sole discretion, for either costs of repair of the fair market value of the connected equipment, up to the dollar limits stated above. APC reserves the right to require you to transfer title and deliver the connected equipment to APC if it chooses to reimburse you for the fair market value of the connected equipment.
- Unless modified in a writing signed by APC and you, the terms of this policy are understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral and written, and all other communications between the parties relating to the subject matter of this agreement. No employee of APC or any other party is authorized to make any representations beyond those made in this agreement concerning the Equipment Protection Policy.

## Lifetime Equipment Protection Program

#### Valid in Australia only.

APC Australia Pty Limited ("APC") will repair or replace the APC product and any equipment (up to AUD \$200,000) damaged by a surge or spike (even surges due to lightning strikes) while properly connected to an APC unit covered by this Equipment Protection Program as outlined below.

THIS PROGRAM IS NOT A WARRANTY. REFER TO THE APC LIMITED WARRANTY FOR INFORMATION CONCERNING THE WARRANTY FOR YOUR APC PRODUCT. THE LIMITATIONS AND CONDITIONS CONTAINED IN THIS PROGRAM DO NOT AFFECT THE TERMS OF THE WARRANTY.

#### Equipment Protection Program

##### In the Australia Only for 240 Volt Products

If your electronic equipment is damaged by power line transients on an AC power line (240 Volt) while directly and properly connected to a standard APC product covered by the Equipment Protection Program ("connected equipment"). If all of the remaining conditions specified below are met, APC will, at APC's sole option, during the period specified below only, either (a) pay for the repair of the connected equipment or (b) reimburse you for the fair market value, as determined by third party loss adjusters (or equivalent), of the connected equipment, in an amount not to exceed the dollar limits stated below, if APC determines that the damage was caused by the failure of the APC product to protect against power line transients and/or where applicable, telephone or CATV line transients. Power line transients that APC products have been designed to protect against, as recognised by industry standards, including spikes and surges on AC power lines. Protection from telephone line transients applies only to APC products which offer modem or fax line protection, and in cases in which such protection is available, telephone service equipment must include a properly installed and operating "primary protection" device at the service entrance (such devices are normally added during telephone installation) in order to be covered from telephone line transients.

APC reserves the right to determine whether the damage to the connected equipment is due to APC product failure by requesting that damaged equipment be sent to APC for inspection. This program is to apply in excess of any coverage for the connected equipment provided by other sources, including, but not limited to, any extended warranty coverage.

For customers that meet the qualifications and conditions set forth in this program, APC will provide reimbursement (cost of repair or fair market value) during the period limits and up to the dollar limits stated as follows:

#### Equipment Protection Program AUD Dollar & Period Limits

Product	AUD Dollar Limit	Period
PH6T3-AZ and PH6VT3-AZ	130,000 Dollars	Lifetime

#### Eligibility for coverage under the Equipment Protection Program

- You must register the product by returning to APC the warranty card provided with the product within ten (10) days of purchase. All information must be filled in, and you should retain a copy for your records.
- All connected equipment must be A-TICK or C-TICK approved.
- The APC product must be plugged into properly wired and grounded outlets; no extension cords, adapters, other ground wires, or electrical connections may be used, with the sole exception of other standard APC 240 Volt products. The installation must not include power protection products made by any manufacturer other than APC. The installation must comply with all applicable electrical and safety codes set forth pursuant to the wiring standard AS3000.
- Any claim under the Equipment Protection Program must be made within 10 days of the date of alleged damage to the connected equipment.
- The Equipment Protection Program covers only standard APC 240 Volt products used in Australia.

#### What is not covered under the Equipment Protection Program

- DAMAGE TO ELECTRONIC EQUIPMENT RESULTING FROM TRANSIENTS ON DATA LINES IS NOT COVERED.
- Restoration of lost data and reinstallation of software are not covered.
- This program does not cover damage from a cause other than AC power line transients, except for damage due to telephone line transients, which is covered only if the APC product offers such cover.

In addition, the following are expressly excluded from coverage:

- DAMAGE CAUSED BY FAILURE TO PROVIDE A SUITABLE INSTALLATION ENVIRONMENT FOR THE PRODUCT (INCLUDING, BUT NOT LIMITED TO, LACK OF A PROPER SAFETY GROUND).
- Damage caused by the use of the APC product for purposes other than those for which it was designed.
- Damage caused by accidents, or disasters such as fire, flood, or wind.
- Damage caused by abuse, misuse alteration, modification, or negligence.
- Only products with an in-warranty APC battery are covered.
- This program is null and void if, in APC's view, the APC product has been tampered with or altered in any way.
- EXCEPT AS EXPRESSLY PROVIDED IN THIS PROGRAM, IN NO CASE SHALL APC BE LIABLE UNDER THE TERMS OF THIS PROGRAM FOR ANY DAMAGES WHATSOEVER- INCLUDING, AND NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR MULTIPLE DAMAGES ARISING OUT OF THE USE OF THE APC PRODUCT OR DAMAGE TO THE CONNECTED EQUIPMENT. REGARDLESS OF THE LEGAL THEORY ON WHICH SUCH CLAIM IS BASED, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUE. LOSS OF USE OF THE APC PRODUCT OR THE CONNECTED EQUIPMENT OR ANY ASSOCIATED EQUIPMENT, LOSS OF SOFTWARE, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, THE CLAIMS OF THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY.

#### Submitting an Equipment Protection Program Claim

- If all of the conditions for coverage are satisfied, call the APC customer service department at 1800-652-725 and obtain an EPP RMA (Equipment Protection Program Returned Material Authorisation) number. APC will forward to you an Equipment Protection Program claim form, which must be completed and filed within 30 days.
- Mark the Equipment Protection Program RMA number on the APC product you are returning.
- Pack the APC product in its original packaging (or request packing materials from APC if the packaging has been discarded). Enclose the completed Equipment Protection Program claim form and a copy of your sales receipt for the APC product in box. 3.Mark the EPP RMA number clearly on the outside of box.
- Ship the product (one way shipping charges paid by you) to: APC Australia Pty, Ltd Level 13, The Dension 65 Berry Street North Sydney, NSW 2060 Attn: EPP RMA# \_\_\_\_\_
- APC will evaluate the product to determine its level of functionality, and will examine the product for evidence of damage from AC power line transients (telephone line transients, if applicable). (A) If APC's evaluation provides no evidence of damage from power line transients (telephone line transients, if applicable), APC will send to the customer (i) a report summarising the tests performed and (ii) a rejection of claim notice. (B) If the APC product shows evidence of damage from power line transients (telephone line transients, if applicable), APC will request that all connected equipment for which an Equipment Protection Program claim has been submitted, be sent for evaluation to either APC or an authorised service centre. If it is determined that the connected equipment has been damaged from AC power line transients (telephone line transients, if applicable), APC will, in its discretion, either authorise you to have the equipment repaired or reimburse you for the fair market value of the damaged equipment, up to the dollar limits stated above.
- If you are authorised by APC to have the connected equipment repaired, the repair must be performed at a service centre that is authorised by the manufacturer of the connected equipment APC reserves the right to contact the authorised service centre directly to discuss repair costs and damage to the connected equipment to determine if it was caused by AC power line transients (telephone line transients, if applicable) and the right to request that the service centre forward the connected equipment or components of the connected equipment to APC for inspection.
- APC will, after determining that the damage was caused by the failure of the APC product to protect against AC power line transients (telephone line transients, if applicable), issue payment to you, in its sole discretion, for either costs of repair or the fair market value of the connected equipment. Up to the dollar limits stated above. APC reserves the right to require you to transfer title and deliver the connected equipment to APC if it chooses to reimburse you for the fair market value of the connected equipment.
- Unless modified in a writing signed by APC and you, the terms of this program are understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral and written, and all other communications between the parties relating to the subject matter of this agreement. No employee of APC or any other party is authorised to make any representations beyond those made in this agreement concerning the Equipment Protection Program.