



VOLTAGE PROTECTOR

AVP-3000



To get the best results from your Binatone product please read these instructions carefully.

Binatone has an incredible heritage. Established – 1958 in London, UK.

We are an absolutely customer centric company! With more than 60 years delivering quality products to our customers in more than 75 countries – our global footprint enables economies of scale.

This allows us to offer you some of the world's highest performance, quality & value products available in the market today.

Our commitment lies solely in delivering high quality, affordable products.

Our international team is constantly pursuing every effort to make products not just 'appliances' but 'lifestyle improvements'.

Check out all the latest Binatone products at:

www.binatonelifestyle.com



IMPORTANT SAFEGUARDS

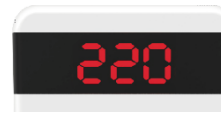
When using electrical appliances – especially when children are present, basic safety precautions should always be followed to reduce the risk of fire, electric shock and/or injury to persons.

- ✓ READ ALL INSTRUCTIONS
- ✓ Make sure your power supply is consistent with the rated specification of the product before connecting.
- ✓ This voltage protector is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge – unless they are under supervision or instruction concerning use of the voltage protector & any attached appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- ✓ Do not operate if the voltage protector is damaged – or after any malfunctions or has been dropped or damaged in any manner. Do not modify or repair the voltage protector yourself. Return the voltage protector to the nearest authorised service facility for examination, repair or adjustment.
- ✓ Do not pull, twist or otherwise abuse the power cords attached to the device.
- ✓ This product is intended for domestic indoor use only. Do not use outdoors or for commercial purposes.
- ✓ To protect against electric shock, do not expose the voltage protector or attached appliance to water or other liquid.
- ✓ Use this appliance only for its intended use – as described in this manual.
- ✓ Do not use the appliance if it has mechanical defects (dents, cracks etc.). Get it checked by the nearest authorized service centre.

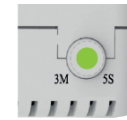
SPECIFICATION

Rated Voltage: 230V~ 50/60Hz
 Max Load: 30A (6900W)
 Spike Protection: 270J
 Working Voltage: 171V~ to 259V~

KNOW YOUR APPLIANCE



Digital Display



Delay Button

BEFORE FIRST USE

- Remove all packing materials from the voltage protector.
- Make sure your power supply is consistent with the rated specification of the product before connecting.

WALL MOUNT

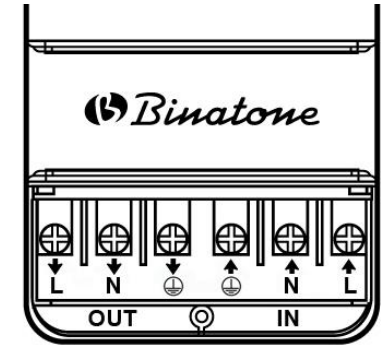
The AVP-3000 is supplied with 2 ways to mount it.

Option 1 – plastic wall bracket
 Secure the plastic wall bracket to the mounting surface using the supplied 2 small screws. Hook the AVP-3000 unit onto the plastic wall mount.

Option 2 – direct mount
 Drill 2 holes, 45mm apart and insert the 2 plastic rawl plugs supplied. Screw in the large screws, leaving approx. 5mm exposed. Hook the AVP-3000 onto the exposed screw heads.

CONNECTION DIAGRAM

Remove any securing screw and pull the lower front cover towards you to expose the contacts inside the AVP-3000.

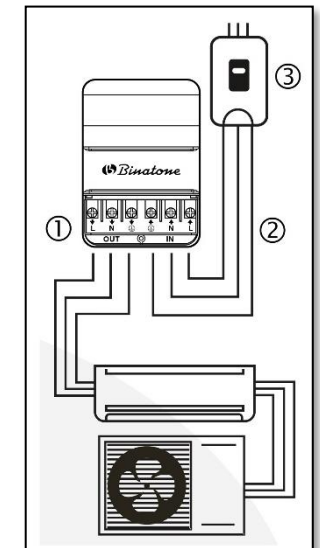


Connect the AVP-3000 in the following order :

- 1) Connect OUTPUT side first. Connect the L (live), N (neutral) & Earth (⊕) for the connected appliance – to the LEFT side (OUT) of the AVP-3000
- 2) Connect the IN side next. Connect the L (live), N (neutral) & Earth (⊕) for the power supply – to the RIGHT side (IN) of the AVP-3000

NOTE : carefully check all connections are made correctly and are tight.

- 3) Replace the AVP-300 lower cover
- 4) Switch on the power supply



OPERATING INSTRUCTIONS

The AVP-3000 has advanced microprocessor control that protects your valuable equipment against voltage spikes, lightning surges & power supply voltage fluctuations (under voltage and over voltage).

Under Voltage Protection

If the supply voltage drops below 170V~, the AVP-3000 will cut the output.



Over Voltage Protection

If the supply voltage rises above 260V~, the AVP-3000 will cut the output.

- 1) Connect AVP-3000 to power (see Connection Diagram) & turn on power supply
- 2) The **Digital Display** will indicate a countdown time in seconds – based on the **Delay Button** setting - then it will display the input voltage.
- 3) Connect your electrical appliance (see Connection Diagram) to the AVP-3000 and use it normally.

DELAY BUTTON

Select the delay mode:

MODE	LED INDICATOR	USE WITH
3M (3 minutes / 180 seconds)	GREEN 	freezers, fridges, air conditioners & water dispensers
5S (5 seconds) (DEFAULT)	RED 	All other appliances such as TV, home theatres

DIGITAL DISPLAY

The display will indicate based on the mode:

Voltage Input (Vin)	DISPLAY	Voltage Output (Vout)
Vin <170V~	Blink "L OP" & actual Vin voltage	NO OUTPUT Protection Mode
Vin >260V~	Blink "H IP" & actual Vin voltage	NO OUTPUT Protection Mode
Vin = 171-259V~	Countdown time during DELAY then Vin voltage	NORMAL FUNCTION

For stable long life of AVP-3000- it is recommended not to exceed:

6.0A (1380W) for fridges, freezers, air conditioners and water dispensers.

30A (6900W) for all other appliances.

CARE AND CLEANING

- Always disconnect the AVP-3000 from power supply before cleaning and for storage.
- Wipe the AVP-3000 with a damp cloth, to remove dust. Do NOT get the AVP-3000 wet.
- Dry with a soft absorbent cloth and ensure 100% dry before next use.

SERVICE & CUSTOMER CARE

There are no user serviceable parts inside the AVP-1300

If the unit is damaged it must, for safety reasons, be replaced by Binatone or an authorised Binatone repairer.

If you need help with:
using your product
servicing or repairs (in or out of guarantee)

Please contact Binatone Customer Service at:



Have your model number & batch code ready – it is located on the rating label on your product



Please consider recycling this instruction manual responsibly

WARRANTY

Save your proof of purchase sales receipt.



BINATONE warrants, subject to the conditions stated below, that from the date of purchase, this product will be free from mechanical defects for a period of two (2) years.

This is a domestic product – warranty does not cover products that have been used for commercial purposes.

BINATONE at its option, will repair or replace a product found to be defective during the warranty period. Should this product become defective by reason of improper workmanship or material defect during the specified warranty period, BINATONE will repair or replace the same effecting all necessary part replacements.

Transportation charges on parts, or products in whole, submitted for repair or replacement, under this warranty, must be borne by the purchaser.

CONDITIONS: This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty service or replacement. Dealers, service centres, or retail stores do not have the right to alter, modify or in any way, change the terms and conditions of this warranty.

Warranty registration is not necessary to obtain warranty on BINATONE products.

ABOUT YOUR PRODUCT WARRANTY: Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. For example, warranty service would NOT apply if the product damage occurred because of misuse, lack of routine maintenance, shipping, handling, warehousing or improper installation. Similarly, the warranty is void if the manufacturing date or the serial number on the product has been removed or the equipment has been altered or modified. During the warranty period, the authorized service dealer, at its option, will repair or replace any part that, upon examination, is found to be defective under normal use and service.

NORMAL WEAR & SERVICE/REPLACEABLE PARTS: This warranty does not cover normal wear of parts or damage resulting from any of the following: Negligent use or misuse of the product; Improper voltage or current; Use contrary to the operation instructions; Deviation from instructions regarding storage and transportation; Repair or alteration by anyone other than BINATONE or an authorized service centre; service parts replaced by user. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes, tornadoes etc.

Customers connecting BINATONE appliances directly to the mains power outlet or using a non-BINATONE stabilizer, risk voiding their BINATONE warranty. We recommend using quality BINATONE stabilizers for your protection – be wise, buy the best – always buy BINATONE

HOW TO OBTAIN WARRANTY SERVICE: Please contact BINATONE Customer Service (see Service & Customer Care section)

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