

# Operating Instructions for Step Up/Step Down Autotransformers

## SAVE THESE INSTRUCTIONS

### IMPORTANT SAFEGUARDS

1. **Warning!** - Never plug power cord into electrical wall outlet first. Exposed male pins on the other end of the cord will carry high AC voltage which can cause a serious electrical shock or fire hazard. *See figure 1.*
2. DO NOT operate any appliance(s) with higher wattage than the rating of the transformer.
3. This transformer is for indoor use only.

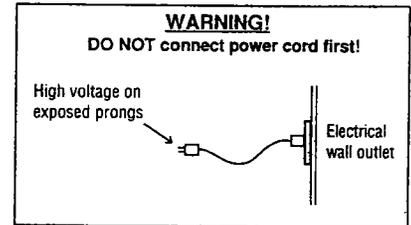


Figure 1

### INSTRUCTIONS FOR USE

**Step Up Mode** – Converts 110 VAC to 220 VAC. Allows 220 volt appliances to be used with 110 volt electricity. *See figure 2.*

1. Plug the 220 volt appliance into the 220 volt socket on the transformer.
2. Plug the round pin plug on the power cord into the 110 volt socket of the transformer.
3. Plug the U.S. plug on the power cord into the 110 volt electrical wall outlet.
4. Turn on the appliance.

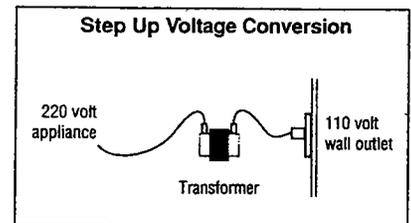


Figure 2

**Step Down Mode** – Converts 220 VAC to 110 VAC. Allows 110 volt appliances to be used with 220 volt electricity. *See figure 3.*

1. Plug the 110 volt appliance into the 110 volt socket on the transformer.
2. Plug the U.S. plug on the power cord into the 220 volt socket on the transformer.
3. Plug the round pin plug on the power cord into the 220 volt electrical wall outlet.
4. Turn on the appliance.

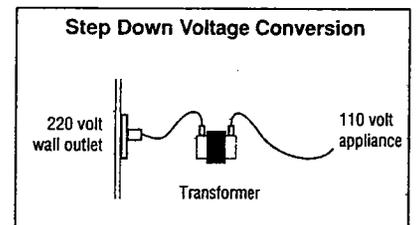


Figure 3

## Limited One Year Warranty

We guarantee each new transformer against defects in material or workmanship for a period of one year from the date of purchase. During the warranty period, we will either, at our option, repair or replace a product which proves to be defective. The above warranty shall not apply to defects resulting from: accident, unauthorized modifications, misuse, abuse, overloading or improper maintenance. To obtain warranty service, the product must be returned to the address indicated below. Customer shall prepay all shipping charges for a product returned to us for warranty service and we shall pay for return of the product to customer. However, customer shall pay all shipping charges, duties, and taxes for a product returned to us from another country. WE MAKE NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS PRODUCT. WE SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. We shall not be responsible for any other loss or damage that may arise through the use by a purchaser or others of this device and the purchaser assumes and will hold us harmless in respect to such loss. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. **Important: This is a factory-direct warranty. Do not return defective products to your retailer. All defective products must be returned to the factory with a copy of your purchase receipt. For questions or further information, please call our toll free number: (800) 247-6900.**

Voltage Valet Division, Hybrinetics, Inc.  
225 Sutton Place, Santa Rosa, CA 95407  
Email: [hybrinet@voltagevalet.com](mailto:hybrinet@voltagevalet.com)  
Web site: [www.voltagevalet.com](http://www.voltagevalet.com)