

# 24V Hard Wire Step-Down (120/204/240 to 24V) GENERAL INSTALLATION INSTRUCTIONS P/N: 90004938



**CAUTION!** Never Expose Eyes or Skin to UV-C Energy - Read all Materials before starting

## APPLICATION:

The 24V Hard Wire step-down transformer can be used with UV Resources 24V products including the Hornet™, Stinger™, UV-C Hour Meter and UVReport™. It provides a step-down from 120/208/240VAC to 24V, 40 VA.



## SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause fire, electrical shock, or other conditions which may cause personal injury or property damage and loss of warranty. Consult a qualified installer, service agency, or your supplier for information or assistance. The qualified installer or agency must use factory kits or accessories where applicable when installing this product. Refer to the individual instructions packaged with kits or accessories when installing them. Follow all safety codes and wear safety glasses and work gloves. Read all instructions thoroughly and follow any warnings or cautions attached to any accessed area. Consult local building codes and the National Electrical Code (NEC) for all applicable requirements.

Understand the signal words DANGER, WARNING or CAUTION. These words are universally used for overall safety. DANGER identifies the most serious hazards, which will result in severe personal injury or death. WARNING signifies hazards, which could result in personal injury or death. CAUTION is used to identify unsafe practices, which would result in minor personal injury or product and property damage and loss of warranty.



**WARNING:** Before installing or servicing this unit, turn off all power, there may be more than one (1) switch.

## Power Requirements:

The 24V Hard Wire Step-Down can accommodate input voltage in the range of 120/208/240VAC.

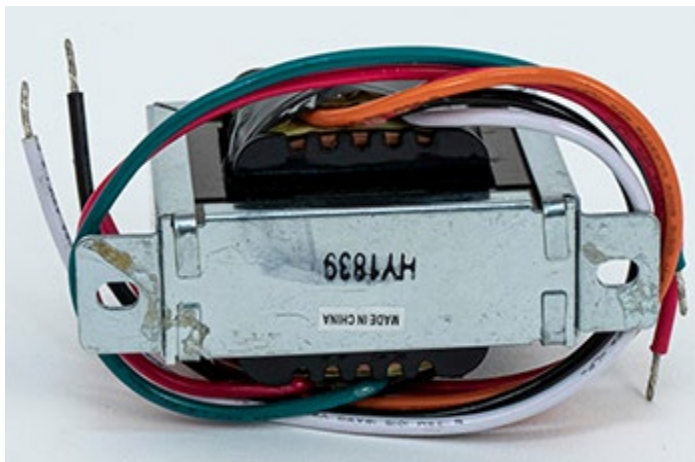
## Installation:

1. Consult all applicable codes before installing. Check product label(s) for the correct power requirements and supply the correct voltage from a suitable, protected (fused or breaker), and grounded power source.

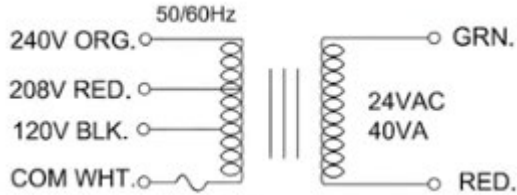


**CAUTION:** Using other than labeled voltages voids warranty and may damage to the entire system.

2. Mount stepdown adapter in close proximity to the unit it will be driving.
3. Using 18 gauge wire, connect 24V output to fixture you will be powering (e.g. Hornet, Stinger, UVC Hour Meter, UVReport) note wire options below for Hornet and Stinger.
4. Connect line voltage 120/240/240VAC per wiring diagram.



## Wiring Diagram:

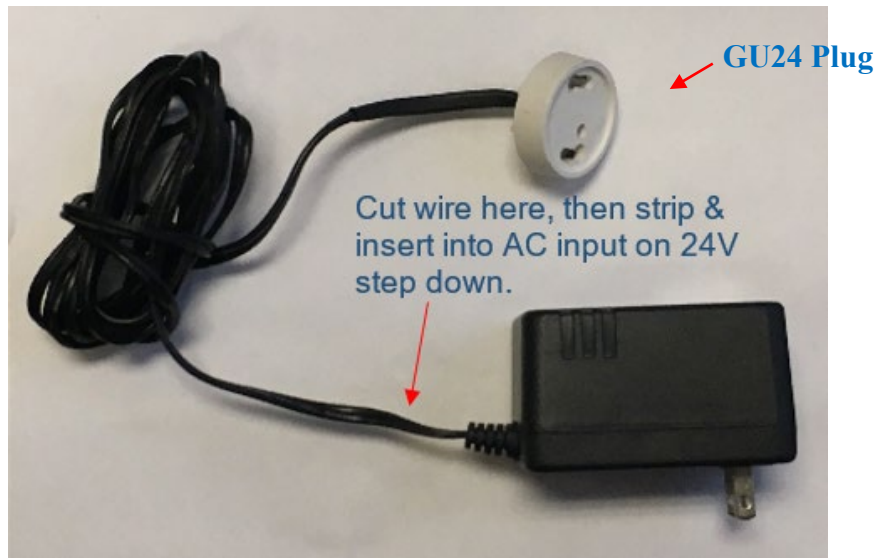


The Hornet and Stinger products come with a 24V Wall-Adapter with a 6 foot wire and GU24 power plug to connect to the UV fixture. If a hardwire step-down will be used, the wire can be cut from the wall-adapter and used for the hardwire stepdown:

**\*\*\*Be sure you will not be using the wall adapter before cutting wire\*\*\***

1. Cut wire where indicated below;
2. Strip wire ends;
3. Using appropriate wire nut, connect wire to green and red 24VAC step-down wires (per wiring diagram)
4. Once fixture is installed, connect GU24 plug to Hornet/Stinger as instructed in product IOMs

Image 2



## EQUIPMENT WARRANTY

UV Resources™ (UVR) warrants to the original buyer that its Products shall be free from defects in material or workmanship under normal use and service for the periods of time set forth below. This warranty is contingent upon proper use of Products and will not apply if adjustment, repair or parts replacement is required because of an accident, unusual physical, electrical or electro-mechanical stress, neglect, misuse, failure of electric power, humidity control, transportation, unauthorized repair actions, or not installed or maintained in accordance with UVRs' specifications hereunder, or where Product serial numbers have been altered, defaced, or removed. UVRs' obligation under this warranty shall not arise until the Purchaser of the Product returns the defective part to UVR. This warranty is limited to the repair and/or replacement of parts. This warranty does not cover any labor or subsequent damage incurred as the result of Product failure or indirectly arising from the design, construction, installation, servicing, or operation of Products. UVR and its resellers' liability under this warranty shall in no event exceed the cost of goods sold under the original sale contract.

Under the conditions specified above, UV Resources warrants this product for a period of one (1) year from date of purchase. Buyer must provide proof of purchase. This is UVRs' sole warranty. No warranties are extended beyond those described herein and it is expressly agreed that this warranty will be in lieu of all warranties of fitness and merchantability. UVR neither assumes, nor authorizes any person to assume for it, any obligation in connection with the Products. Buyer shall not return to UVR any allegedly defective goods without UVRs' prior written authorization. This warranty may not be assigned or transferred.

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