

# AUXPOWER™

## INSTALLATION GUIDE



# AUXPOWER™

## INTRODUCTION

Compared to a rotary phase converter, AuxPower™ can save hundreds of dollars per year in standby power consumption. The standby power usage of the modern solid state phase conversion technology in an AuxPower™ system is in the same ballpark as an incandescent light bulb, whereas many rotary phase converters can use more energy at idle than your household oven.

**TOOLS NEEDED FOR ASSEMBLY:** Tools will range from #2 Philips screwdriver, T20 Torx, allen keys, and large and small flathead screwdrivers.

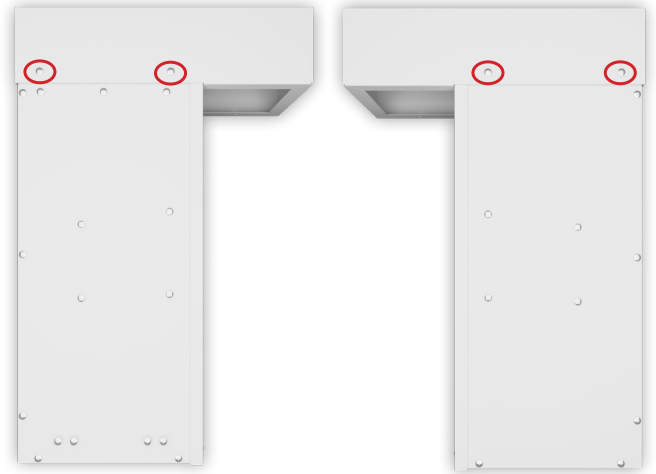
### Step #1

Remove the 4 screws from the **VFD** right side panel.



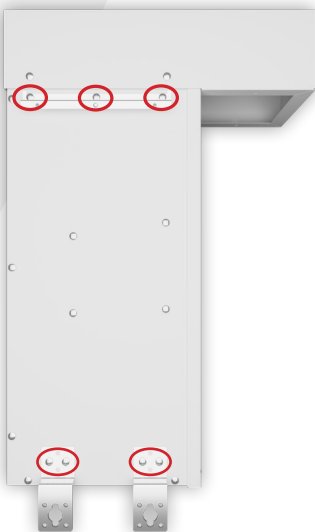
### Step #2

Install the **AuxPower PTE** rain cover using the included screws.



### Step #3

Install mounting brackets to the left side panel of the **AuxPower PTE** using included screws.



### Step #4

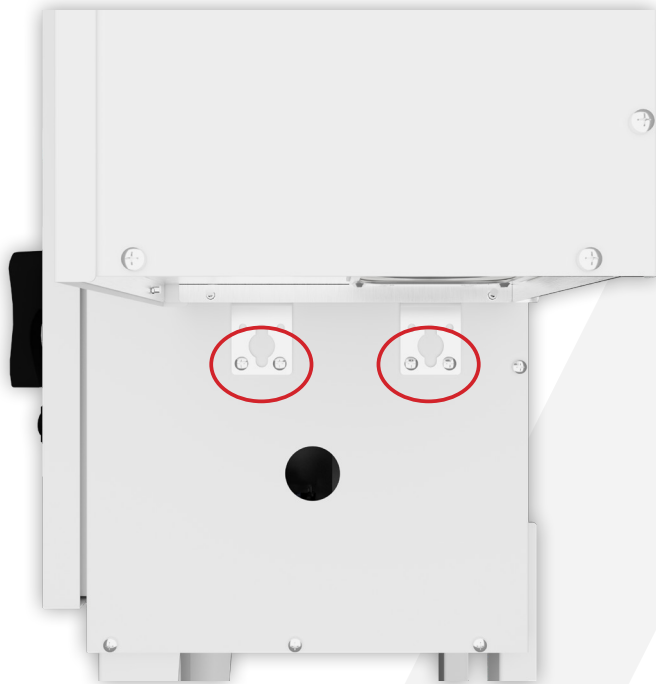
Hang **AuxPower PTE** on the right side panel of the **VFD** enclosure.





## Step #5

Mount **AuxPower PTE** to the right side of the **VFD** enclosure using included screws.



## Step #6

Remove screws from the front panel of the **AuxPower PTE**.



## Step #7

Install conduit from **AuxPower PTE** to **VFD** enclosure using the provided hardware.



## Step #8

Route wires through the conduit to the **AuxPower PTE** starting with the small **YELLOW** wires.

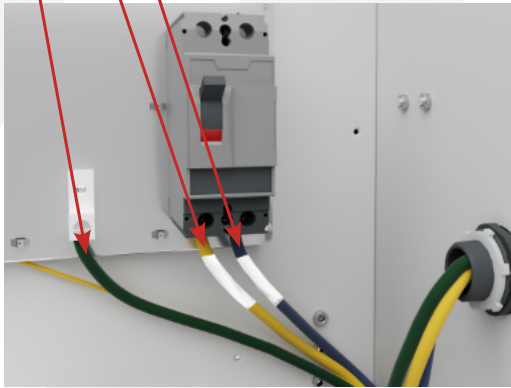


# AuxPower™ - Installation Guide

## Step #9

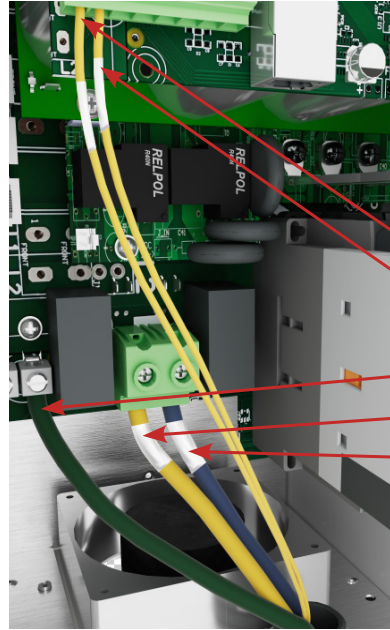
Inside the **VFD**, connect the **GREEN** wire to the **Ground Lug**. Then connect the **YELLOW** wire to **L1 AUX PWR**, and the blue wire to **L2 AUX PWR** on the circuit breaker. Ensure the breaker is **ON**.

- **GREEN** 6 AWG (Ground)
- **YELLOW** 8 AWG Cust. ID - 0097 (L1 AUX PWR)
- **BLUE** 8 AWG Cust. ID - 0098 (L2 AUX PWR)



## Step #10

Inside the **AuxPower PTE**, connect **YELLOW** 22 AWG 0102 to the control board terminal labeled **AUX1** and the **YELLOW** 22 AWG 0103 to the terminal labeled **COM** on the **AuxPower PTE** control board.



Connect the **GREEN** wire to the **Ground Lug**. Then connect the **YELLOW** wire to **L1**, and the **BLUE** wire to **L2** on the terminal block.

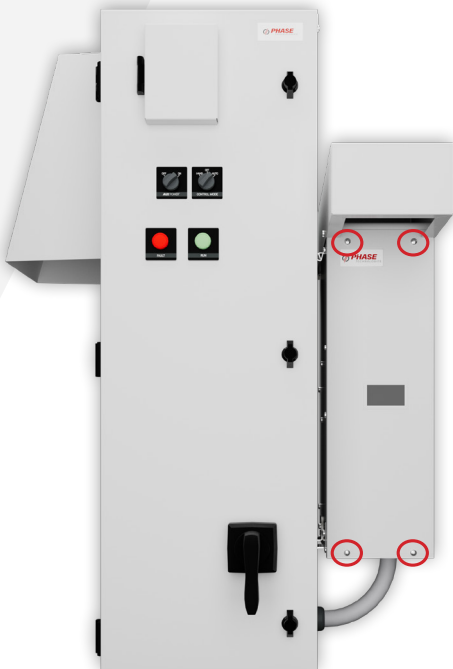
- **YELLOW** 22 AWG Cust. ID - 0102 (**AUX1**)
- **YELLOW** 22 AWG Cust. ID - 0103 (**COM**)

- **GREEN** 6 AWG (Ground)
- **YELLOW** 8 AWG Cust. ID - 0097 (**L1**)
- **BLUE** 8 AWG Cust. ID - 0 098 (**L2**)

\* Customer ID's are the last 4 digits of the wire label.

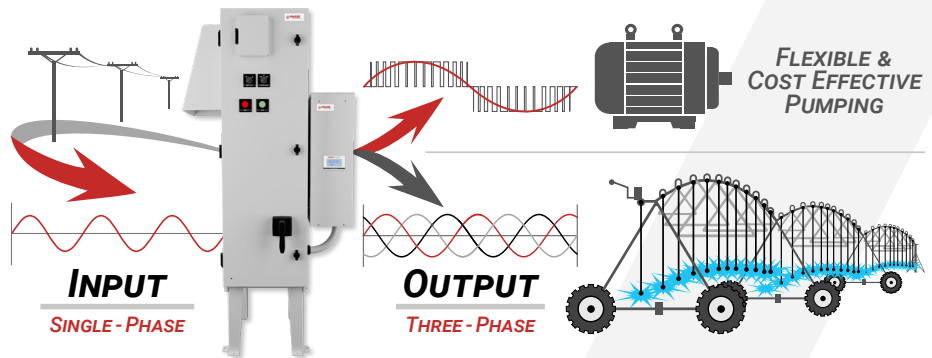
## Step #11

Install front panel on **AuxPower PTE** unit with provided screws.



## AUXPOWER™ SUPPORT DOCUMENTS

[PhaseTechnologies.com/support/1lh](https://phasetechnologies.com/support/1lh)



## PRODUCT BUILDER

[PHASETECHNOLOGIES.COM/PRODUCTS](https://phasetechnologies.com/products)



### UP-TO-DATE

- ✓ LEAD TIMES
- ✓ PRICING
- ✓ DIMENSIONS

