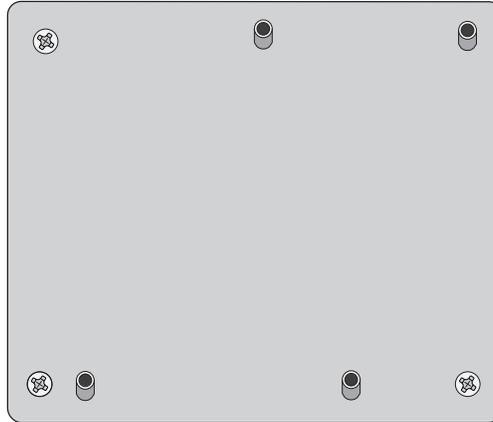


# PS12 SERIES POWER SUPPLY ADAPTER PLATE

## Quick Start Guide

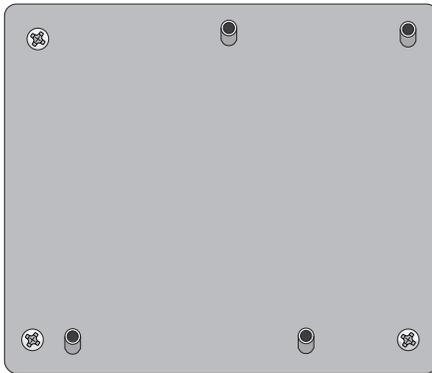
The PS12 Series Adapter Plate is designed to retrofit PS12 Power Supplies into 505-12 Power Supply enclosures. This quick start guide instructs you how to install the adapter plate and new power supply inside the previous power supply's enclosure.



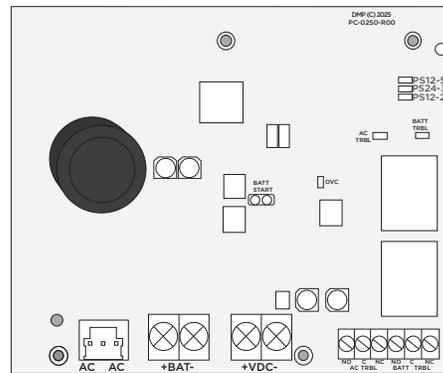
## What's Included



AC Power Wire Harness



Adapter Plate



Power Supply PCB



Mounting Screws

## What You'll Need

- ▶ #2 Phillips Head Screwdriver
- ▶ Wire Cutters
- ▶ Pliers
- ▶ Wire Connector
- ▶ Electrical Tape

## Step 1: Uninstall the Current PCB

Remove the AC power wires from the AC terminal on the current PCB. Remove the five screws holding the PCB in place using a Philips head screwdriver. Remove the PCB and set it aside.

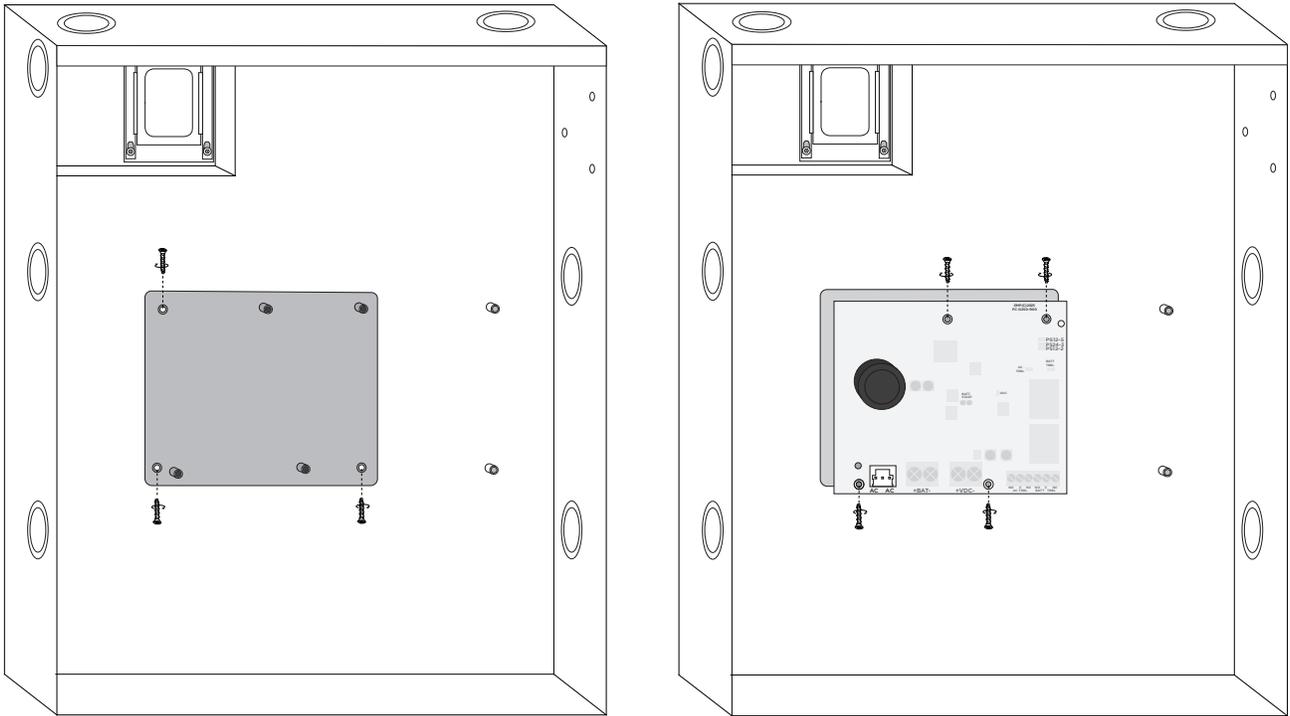
## Step 2: Mount the Adapter Plate and the PCB

### Mount the Adapter Plate

Align the adapter plate to cover the mounting holes, with the flat side of the plate against the enclosure. Use three screws from the previous PCB to attach the adapter plate to the enclosure.

### Mount the PCB

Mount the PCB to the adapter plate, aligning the holes with the four standoffs on the adapter plate. Use the four included screws to attach the PCB to the adapter plate.

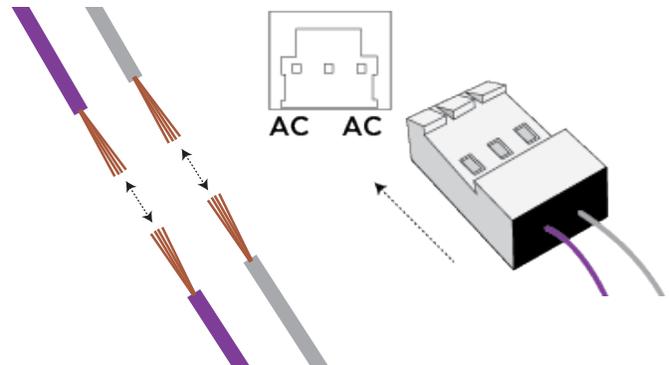


## Step 3: Connect the Transformer and Power Supply

You can connect the PCB to the transformer using two options: splicing the wires, or removing the transformer bracket and changing the wire harness.

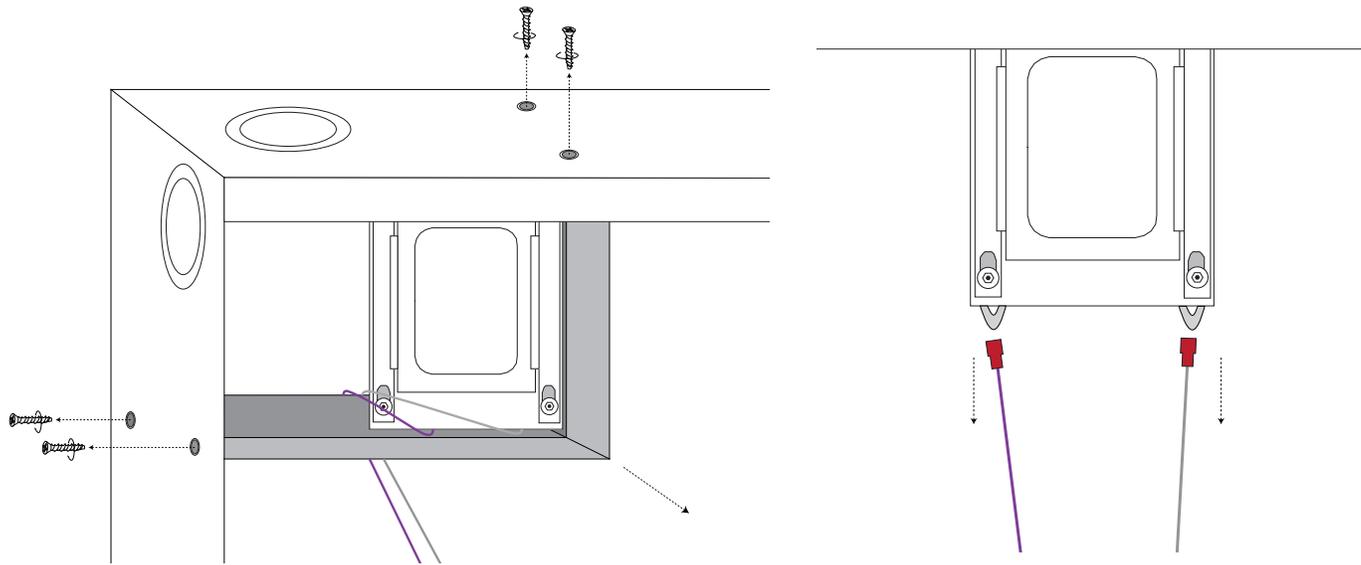
### Option A - Splice the Wires

Cut and splice the wires from the existing AC power wire and the new AC power wire together. Plug the wire into the PS-12 AC header.

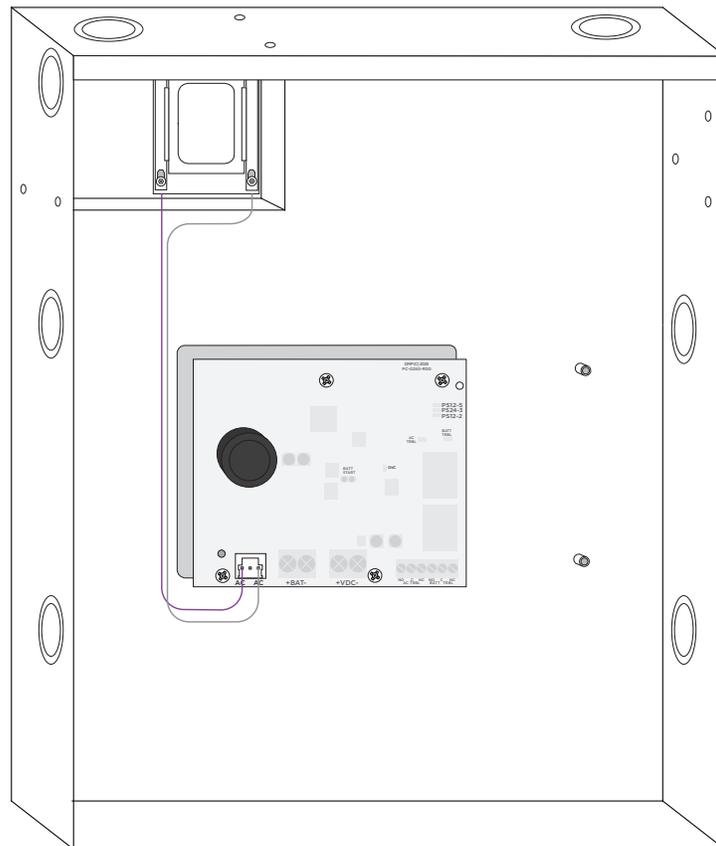


## Option B - Remove the Transformer Bracket

Using a Phillips head screwdriver, locate the screws on the top and left side of the enclosure. Remove the screws holding the transformer bracket in place. Remove the AC power wire leads from the transformer.



Attach the new AC power wire by placing the purple wire lead on the left prong of the transformer and the gray wire lead on the right prong of the transformer. Return the bracket and screws to their original location. Plug the AC power connector into the AC power terminal.



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