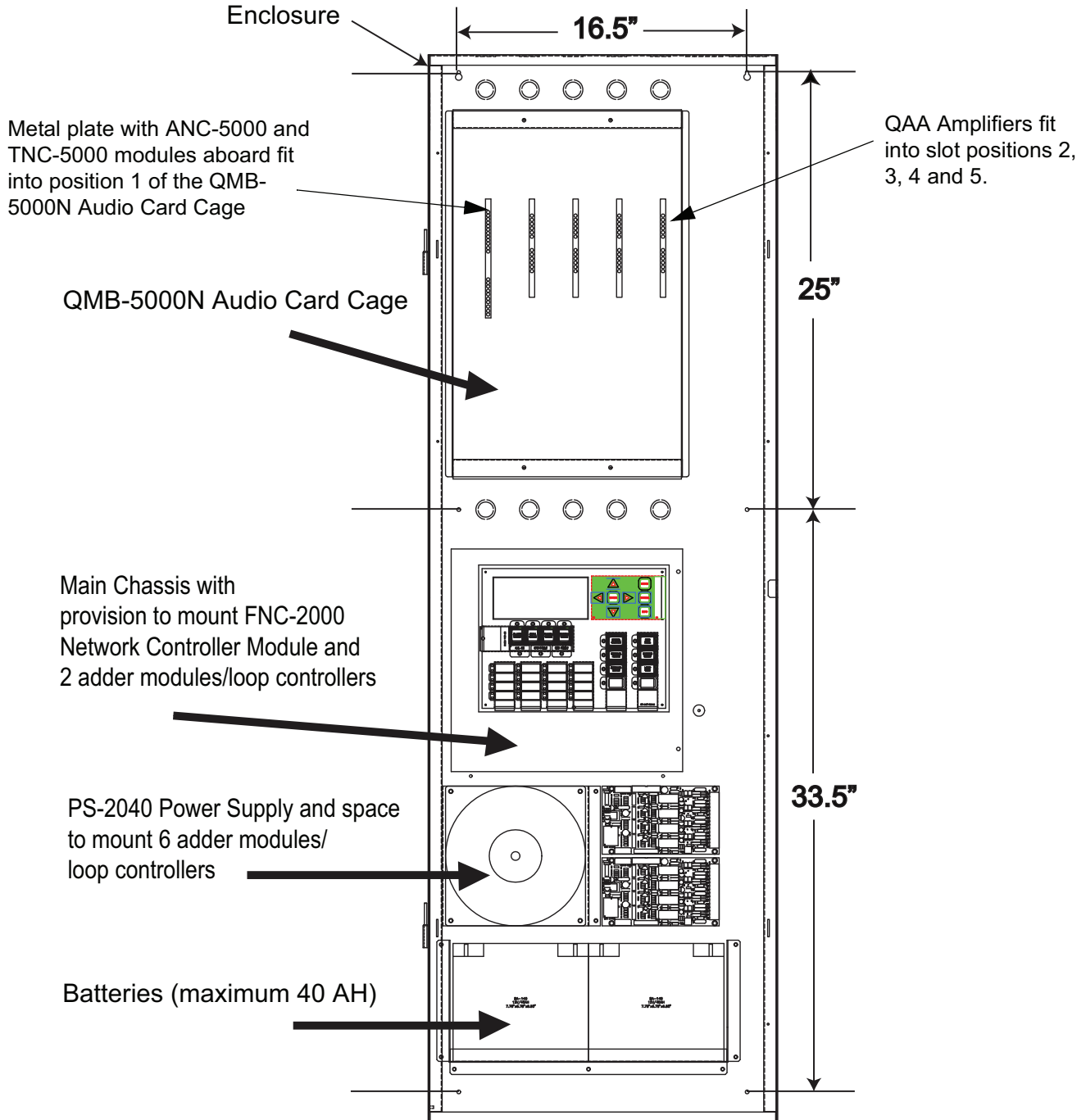


### Mechanical Installation for the PS-2040 Power Supply

The PS-2040 Power Supply is mounted into the Network Fire Alarm panel backbox near the bottom. Remove the transformer cover (held in place by two #8 hex nuts) from the backbox, then mount the power supply using four #8-32 nuts to secure it to the backbox. Replace the transformer cover. Refer to figure below for location of the PS-2040.



# Wiring

Connect the white and orange wires to the terminal block above the transformer labelled for the orientation of the wires. The two brown wires from the transformer are connected to the bottom right connector and the top left connector of the bridge rectifier.

The four power wires from the transformer are connected to the AC terminals (bottom side). The green wire is connected to the GND terminal, the black wire is neutral and connected to the N terminal, the red wire is 120V AC and the yellow wire is 240V AC. Once wiring is complete, place metal cover over transformer and fasten with two #8 hex nuts.

Red (positive) and Black (negative) wires from the Amplifier backplane (soldered on board) are connected to lug terminals on the Battery Disconnect board

Orange-White-Orange Wires from the Amplifier backplane (soldered on board) are wired to this terminal block

AC Power IN  
G N 120VAC or 240VAC  
Wire as per label.

Orange-White-Orange Wires connected from the transformer to this terminal block

Two brown wires connected from the transformer to the bridge rectifier.

Battery Fuse F1  
32V, 40A MAX  
Fast-acting

Green (GND), black (N), red (120V AC) and yellow (240V AC) wires connected from the transformer to the AC Input Terminals.

-  
+ Connected to Batteries

