

POWER INLET BOX
CAT. NO. PB31
30 Amps., 125 VAC



INSTALLATION INSTRUCTIONS

IMPORTANT: Installation of this power inlet box and related wiring must be done by a qualified electrician in compliance with all applicable electrical codes. When used to power a structure, this inlet must be used in conjunction with a transfer switch. Not for indoor use. When using an engine driven generator, locate away from doors and windows to avoid the build-up of carbon monoxide from the engine exhaust in enclosed areas.

INSTALLING A REMOTELY LOCATED POWER INLET BOX FOR SUPPLYING POWER TO A TRANSFER SWITCH, PANEL, OR OTHER DEVICE TO BE FED FROM THE POWER INLET.

Installing the Power Inlet Box

Mount the power inlet box in a convenient location, using the three holes provided in the back of the cabinet. Using approved wiring methods, run the wiring through one of the knockouts in the cabinet to the switch, panel, or device that is to be powered from the power inlet. If using conduit, pull at least two color-coded wires (minimum AWG #10 for 30 amps.) through the conduit -- use white for neutral, and another distinguishing color (typically black) for the 120V line. If not using conduit, or if otherwise required, include a green wire as a separate ground wire.

Connect the wires in the power inlet box as follows:

120 Volt line wire to the brass or black terminal.

White neutral wire to the white or nickel-plated terminal.

Green power inlet ground wire to green ground screw terminal on inside of cabinet.

If required, green conduit wire to green ground screw terminal on inside of cabinet.

All wire connections are to be made at the transfer switch, panel, or other device being fed from the power inlet box according to that manufacturer's specific instructions.

PREPARING A PORTABLE CORD FROM THE GENERATOR TO THE POWER INLET BOX:

Using a 3-conductor 30 Amp. portable cord suitable for the purpose, attach a male plug matching the configuration of the generator outlet to one end, and a NEMA Type **L5-30C connector** (which will mate with the power inlet in the power inlet box) to the opposite end.

Follow the wiring device manufacturer's instructions for wiring the generator plug and the **L5-30C connector**. Typical connections would be as follows:

Black wire to the 120 volt line (brass) terminal.

White wire to the neutral (nickel-plated) terminal.

Green wire to the green ground terminal.