

Installation and Operating Instructions

POWER INLET BOX

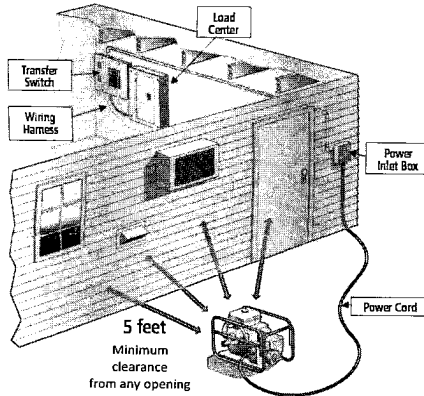
20 amp Models 6336, 6339, 6342, 6345 | 30 amp Models 6337, 6340, 6343, 6346 | 50 amp Models 6338, 6341, 6344, 6347



WARNING: Installation of this Power Inlet Box and related wiring must be done by a qualified electrician in compliance with all applicable electrical codes. Power Inlet Boxes provided with circuit breakers are designed for locations where the authority having jurisdiction has deemed that a "permanently installed generator outdoors" is considered to be a separate structure, thus requiring a service entry disconnect. **CALIFORNIA PROPOSITION 65 WARNING:** Engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm. This product may contain or emit chemicals known to cause cancer, birth defects and other reproductive harm.

Proper Installation Location :

Be sure to install this Power Inlet Box (PIB) in a location that ensures that the generator is at least 5 feet away from windows, doors or other openings such as dryer vents, or air conditioning units. Hazardous fumes from generators are colorless and often odorless, and can enter your home from a variety of openings. During operation, be sure that your portable generator exhaust is away from any type of opening.



Installing Models 6336, 6337, 6338, 6339, 6340, 6341, 6342, 6343, 6344:

These instructions describe how to install a remotely located Power Inlet Box for supplying power to a transfer switch. This box can be painted to match the exterior color of your house or dwelling. We recommend painting prior to installation.

1. Remove the front cover.
2. For installations where side clearance is less than 12" on either side, remove the 3 screws that secure the inlet to the bottom plate. For installations where side clearance exceeds 12" on both sides, remove the 4 screws that secure the bottom plate to the box.
3. Mount the Power Inlet Box on the outside of the building in a convenient location (minimum 24" above grade), using the four holes provided in the back of the cabinet. Sealant should be used around

the anchoring screws to keep water from entering the box at these mounting holes. Using approved wiring methods, install the wiring through one of the knockouts provided in the enclosure. Be sure to seal around the hole in the building where the conduit enters through the wall. Extend wiring inside the Power Inlet Box approx. 8" from the point of entrance. Attach green or bare ground wire to green lead provided in Power Inlet Box with wire nut (provided by installer).

NOTE: The ground stud/pigtail in the non-metallic units is provided to ground metallic conduit when connecting to the non-metallic Power Inlet Box.

4. On models WITHOUT circuit breaker, strip and insert incoming leads into terminals on power inlet. Insert white wire (neutral) into nickel-plated screw terminal or white marking on the inlet. On models WITH circuit breaker, attach the incoming hot leads to the wires on the breaker with wire nuts (provided by installer).
5. Finally, carefully fold wires into the enclosure and reattach the bottom assembly or inlet onto box with screws removed earlier.

Installing Models 6345, 6346, 6347:

1. Remove the front cover by loosening the screw on the lower front.
2. Using the three mounting holes in the back of the housing, secure the housing to the structure. Sealant should be used around the anchoring screws to keep water from entering the box at these mounting holes.
3. Using approved wiring methods, install the wiring through one of the knockouts provided in the housing. Be sure to seal around the hole in the building where the conduit enters through the wall.
4. Extend wiring inside the Power Inlet Box approx. 6" from the point of entrance. Attach the green or bare ground wire to the green lead provided in the PIB with a wirenut (provided by installer).
5. Strip the incoming leads approx. 5/8" and insert into the terminals on the male power inlet. Insert the white lead (neutral) into the nickel plated screw terminal or white marking on the inlet. "Hot" leads are inserted into terminals noted by black or red markings or "X" and "Y".
6. Carefully fold the wires into the enclosure and reattach the cover to the housing. Installation is complete.



AVAILABLE ACCESSORY: Optional Flip Lid for models 6336, 6337, 6338 and 6342, 6343 and 6344:

Want to keep dirt, debris and moisture out of your Power Inlet Box and protect the power inlet terminals? Order Generac Model 6393. (See other side for installation instructions)

