

Power Inlet Boxes

INSTALLATION INSTRUCTIONS

Models 53001, 14201, 14301, 63651: Aluminum w/ male locking inlet and a circuit breaker when req'd. *SUITABLE FOR USE AS SERVICE EQUIPMENT*

Models 53002, 14202, 14302, 63652: Aluminum with male locking inlet

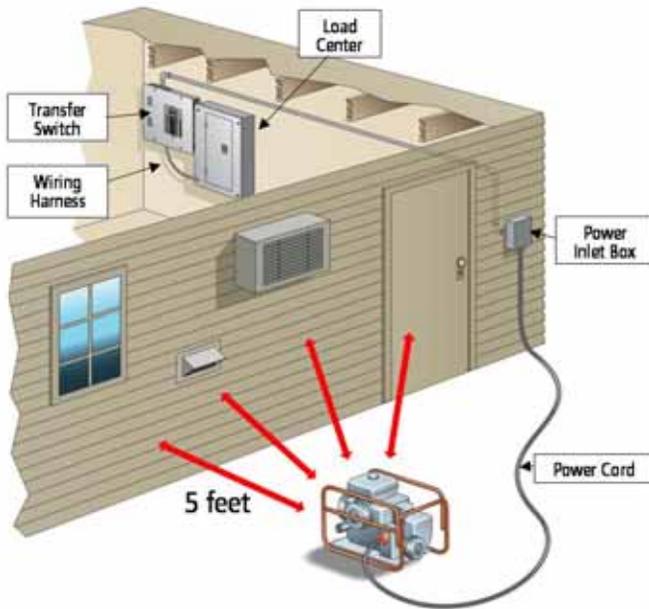
Models 53003, 14203, 14303, 63653: Non-Metallic Nylon resin with male locking inlet

Models 53004, 14204, 14304, 63654: Non-Metallic Nylon resin with male locking inlet and spring-loaded flip lid

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.

Proper Installation Location :

Be sure to install this power inlet box 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.



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.

4. 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). 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. **For models ending in "1"** carefully fold wires into the enclosure and reattach the dead front cover to the enclosure using the two screws removed earlier. If circuit breaker is provided, turn circuit breaker to "ON" position and reinstall front cover with screw removed earlier. **For models ending in xxxx2, xxxx3, or xxxx4,** carefully fold wires into the enclosure and reattach the bottom assembly or inlet onto box with screws removed earlier.



Accessories you may need:

Optional Flip Lid (sold separately) keeps out dirt and moisture (included in models ending in XXXX4). Order Part number FLPIB. (See other side for installation instructions)



Installing the Power Inlet Box:

These instructions describe how to install a remotely located power inlet box for supplying power to a PowerStay® Manual or Automatic 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 Models ending in xxxx1,** open the front door by removing the screw(s) near the bottom. **For Models ending in xxxx2, xxxx3, or xxxx4** and 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

If you need a transfer switch, power cord or plugs and connectors to complete your generator installation, let us know. Male plugs connect to generator, and female receptacles connect to Power Inlet Box or Transfer Switch. Check your generator receptacle for exact receptacle configuration to avoid ordering the wrong part.





Optional FLIP LID For Power Inlet Boxes

For Models 53001/53002/53003, 14201/14202/14203, 14301/14302/14303, 63651/63652/63653

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This optional Flip Lid for Power Inlet Box models xxxx1, xxxx2 and xxxx3 is intended for applications when covering the power inlet is desired, such as to keep out nesting insects, dirt, moisture, etc. Power Inlet Box sold separately.

Installing the Flip Lid with Your Power Inlet Box:

Tools required:

1/4" nut driver
Flat Blade or Phillips Screwdriver

Included in This Kit:

Flip lid and rubber gasket
3 x 8-32 x .75 thread-cutting screws



ASSEMBLY INSTRUCTIONS:

NOTE: This Flip Lid MUST be installed PRIOR to wiring the Power Inlet Box.

1. Open the Power Inlet Box by removing the screw or hex nut on front of unit. Installation is simpler if there is enough space available to remove the bottom plate (by removing the 4 screws).
2. Loosen "Green" screw on inlet and pull out green wire. If the Power Inlet Box is already installed/wired, remove the other screws securing the other wires.
3. Remove flanged inlet from the bottom of the Power Inlet Box by removing (3) 8-32 screws on flange lip. Discard screws.
4. Line up flip lid with the three (3) holes on the bottom of the Power Inlet Box where the screws in Step 3 were removed.
5. Insert three 8-32 x .75 screws through the inlet flange and through the flip cover and into Power Inlet Box bottom holes, and tighten evenly. Ensure gasket is wrapped around the inlet and not pinched. Note: if bottom plate was not able to be removed, pull all four wires through the hole in the bottom plate and secure to inlet after it is slipped into the Flip Lid.
6. Wire the inlet per step (4) in POWER INLET BOX installation instructions.
7. Torque to 10 lb. inches.

Now, complete the installation of the Power Inlet Box following instructions on the other side.



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