ON DEMAND ELECTRIC

CALL OR TEXT
262-754-0525
ondemandelectric.com · New Berlin, WI

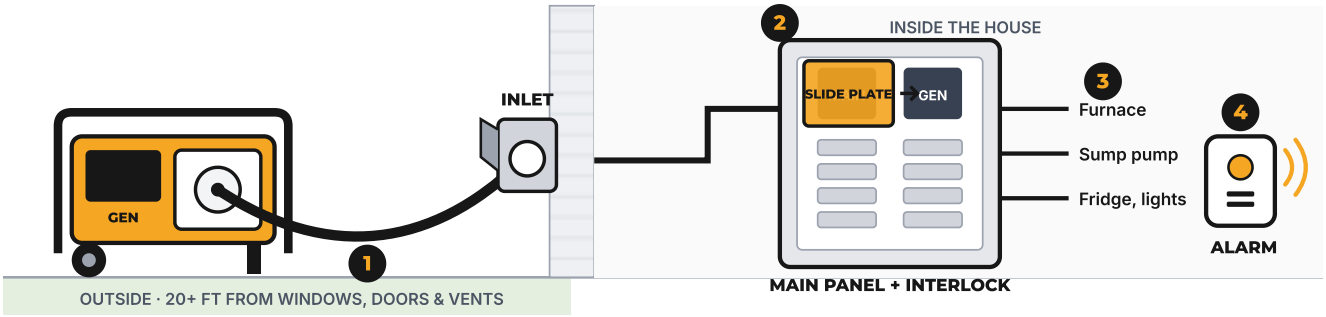
FREE HOMEOWNER GUIDE

Portable Generator Hookup Guide

Inlet • Interlock Kit • Power Return Alarm

Run your house on your portable generator the safe, code-compliant way.

HOW IT WORKS



1 Plug in
Roll the generator out and plug the cord into the inlet.

2 Switch over
Turn the main OFF, slide the plate over, turn the generator breaker ON.

3 Power it up
Run the circuits you pick, within your generator's capacity.

4 Switch back
The alarm beeps when utility power is back. Switch back.

WHAT WE INSTALL

1

Generator Inlet
Outdoor-rated power inlet

Mounted on the outside of the house so the generator cord plugs right in.

- No extension cords through windows or doors
- Weather-tight cover
- Mounted where the generator can sit safely outside
- Typically 30 A or 50 A, matched to your generator

2

Interlock Kit
Steel slide plate on your main panel

Makes it physically impossible to have the main breaker and generator breaker ON at the same time.

- Prevents backfeeding the utility, protecting linemen & neighbors
- Code-compliant (NEC / WI SPS 316)
- Usually much less than a transfer switch
- You choose which circuits to run

3

Power Return Alarm
Beeps & lights up when power returns

Tells you it's time to switch back to utility power.

- Shut the generator down sooner
- Save fuel
- Less wear and tear on the generator
- No more guessing or checking the street

WHICH PLUG IS ON YOUR GENERATOR?

Look at the outlet panel. The hookup matches the **biggest 120/240V outlet** on it.



Option A: 30 A Twist-Lock
NEMA L14-30R · 120/240V

- Round face, 4 curved slots; plug twists to lock
- Up to about 7,200 W (30 A × 240 V)
- Most common: portables ~5,000–9,500 W

PAIRS WITH A 30 AMP INLET



Option B: 50 A Range-Style
NEMA 14-50R · 120/240V

- 4 straight slots with a U-shaped ground
- Same plug as an RV or electric range
- Up to about 12,000 W; larger portables

PAIRS WITH A 50 AMP INLET

Not sure? Snap a photo of your generator's outlet panel and text it to
262-754-0525
We'll tell you exactly what you need.

Heads up: a 120V-only generator (like a TT-30 or L5-30 outlet) won't power 240V loads on this setup. Call us to go over options.

GENERATOR SAFETY

- Never run a generator indoors or in the garage, not even with the door open.
- Keep it at least 20 ft from windows, doors and vents.
- Have working CO detectors on every level of your home.

Licensed electrician • Installed to NEC / WI SPS 316

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