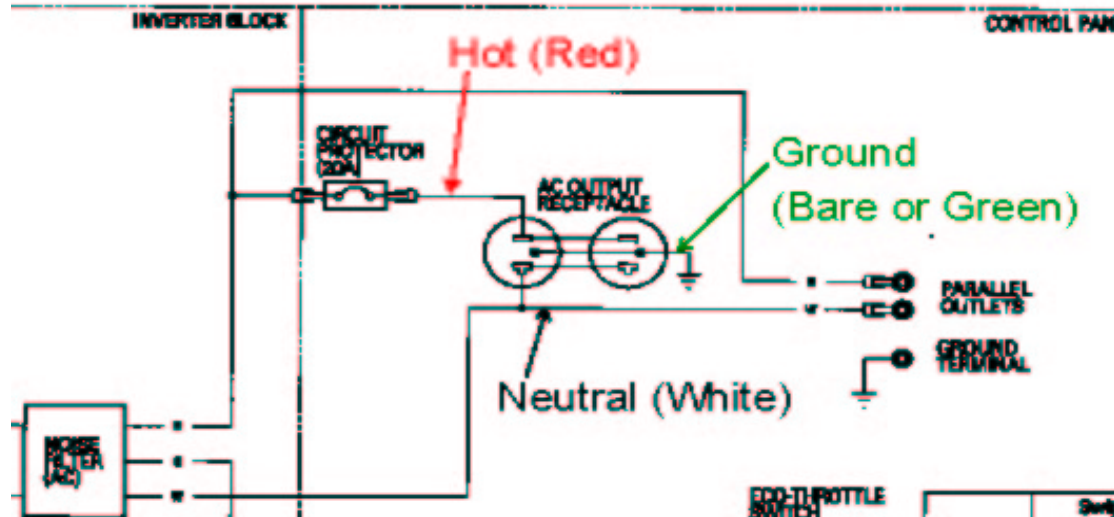


Extracted from Honda eu2000i Generator Owner's Manual Wiring Diagram (Notations added):



Honda eu2000i Generator Measured Voltages:

Hot to Neutral	126v
Hot to Ground	0v
Neutral to Ground	0v

This is as designed and intended.

It is considered safe & meets code for a portable generator.

The neutral & ground are NOT bound.

A ground fault tester looks for a match between the Hot to Neutral and Hot to Ground.

It will show a **ground fault**.

My tester's report of 0.0v vs. 60v Hot to Ground and Neutral to Ground is a result of lower impedance than needed to read it (Inferred - Not sure of this).

**Solution to line monitor ground fault alarm -- disconnect the line monitor.**

GROUNDING NOTES:

1) The generator need NOT be grounded when hooked to a trailer. The ground is to the generator's frame.

2) If the generator is hooked into a fixed structure's wiring (ex. as backup), the generator should be grounded to the fixed structure's grounding rod. This is in addition to an isolation switch so you don't kill a lineman from the power co.

Our House Outlet Measured Voltages:

Hot to Neutral	121v
Hot to Ground	121v
Neutral to Ground	0v

This is as designed and intended.

It is considered safe & meets code for a fixed structure.

The neutral & ground ARE bound.

A ground fault tester looks for a match between the Hot to Neutral and Hot to Ground.

It will show **NO ground fault**.