



Z-BRICK



The **Stand Alone Z-brick** is a load bank with built in monitoring circuitry that simulates a load on the connected line.

Line-To-Line Impedance is a calculation that can show how effective the feeder can deliver power to a load.

(Wire size, transformers and other loads all can effect Line-To-Line Impedance numbers.

Dimensions and Weight

Weight: 14 Pounds

Dimensions:

Length: 13"

Height: 11"

Width: 5"

The Stand Alone Z-Brick

The newly introduced Stand Alone

Line-to-Line Impedance test monitor

Voltage Measurements:

- Voltage Range: 0-600 Volts rms at half cycle interval
- Voltage Accuracy: 0.5 Volts
- Samples per Cycle: 256 or 15.4 kHz

Current Measurements:

- Current Range: 0-40 Amps (+/-)
- Current Accuracy: 0.05 Amps

Frequency Measurements:

- Frequency: 50, 60 Hz

Test Current: 120 VAC 5 Amps
240 VAC 9 Amps
480 VAC 18 Amps

Two cycles of current is drawn per measurement
Voltage flicker may affect Impedance accuracy (we recommend four or five repeatable results)
Also, connecting to a voltage regulator or UPS could provide inaccurate measurements)

Impedance Accuracy:

120 VAC +/- 0.030 Ohms
240VAC +/- 0.020 Ohms
480 VAC +/- 0.014 Ohms