



Z-BRICK



The Z-Brick is a load bank that simulates as if the load was present. Line-to-Line Impedance determines the ability of the feeder to deliver power (wire size, transformers and panel loads all are determinant factors in Line-to-Line Impedance).

The Z-Brick

The newly introduced Line-to-Line Impedance test option for the EPA2000 and EPA1000.

Features and Specifications

Line-to-Line Impedance measurement to predict power quality problems due to the inability to deliver power to pulsed loads:

- All three Phase-Phase measurements - simultaneously
- Stores the data in the event log on the EPA monitor
- Simple set-up
- The only impedance test to be incorporated right into the power quality survey

Electrical Specifications

Simultaneous Voltage monitoring on all three Phases
 Frequency response 50Hz-60Hz
 Two cycles of current is drawn per measurement

Test Current	120 VAC	12Amps
	240 VAC	24 Amps
	480 VAC	48 Amps

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 (Consult first with RxMS)

Impedance Accuracy	120 VAC	+/- 0.015 Ohms
	240VAC	+/- 0.010 Ohms
	480 VAC	+/- 0.007 Ohms

Dimensions and Weight

Weight: 14 Pounds

Dimensions:

Length:	13"
Height:	6"
Width:	12"

Additional Information

The Z-Brick is shipped with calibrated stripped leads to be used for the Line-to-Line Impedance test. Alligator clips or non-calibrated stripped leads are not to be used.

The Z-Brick can operate in temperatures of 40F - 90F
 can be stored in temperatures of 32F - 90F

