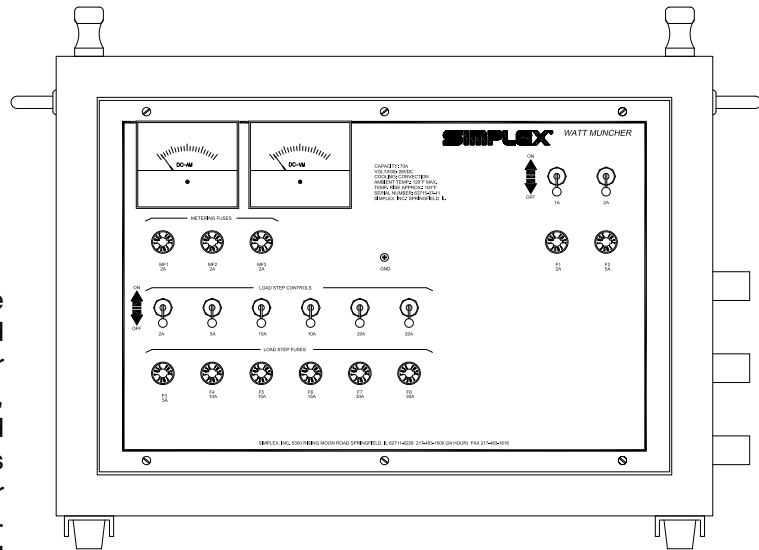


Watt-Muncher Portable Load Bank

GENERAL DESCRIPTION

Simplex Watt-Muncher Load Banks provide a variable test load which may be applied to battery systems, DC rectifiers, power supplies, battery chargers, UPS systems, DC generators, and other DC sources. Load capacity and load step resolution varies with the specific model. The Watt-Muncher contains specially designed power resistors, high temperature silicone insulated power wiring, industrial toggle switches, high interrupting capacity fuses, and load connection cables or busbar. The Watt-Muncher Load Bank is a completely self contained and portable, rugged test instrument. A complete parts legend is supplied in the drawing section of this manual. Always consult the parts legend drawing when ordering parts for a Watt-Muncher Load Bank.



WARNING

All cooling failures must be immediately investigated and corrected or Load Bank damage will occur!



WARNING

Ground must be connected prior to operation!

INSTALLATION / OPERATION

The test source is connected to the Load Bank at the load cables or connection bus. On non-standard models control power is supplied to the Load Bank via the control power cable (check the control drawing supplied with the unit).

Standard Watt-Muncher Load Bank elements are cooled by natural convection and the Load Bank operator must make allowances for the warm Load Bank exhaust air. The control system is energized when the control power switch is placed in the On position (if applicable). The load steps are energized manually with the load step switches.

LOAD BANK MAINTENANCE

All electrical connections should be tightened every 6 months.