

# 100 kW Load Bank

## Freedom Load Bank 100

### Model LPH-100

Specifications	
Rating (480 / 240 volt)	100 / 93.75 kW Continuous
Controls Power	120 volt, 5 amps
Instrumentation-Digital	Volts, Amps, Hertz, Kilowatts
Input Voltages:	
3 Phase (volts)	208 - 240 or 416 - 480
1 Phase (volts)	240
Weight:	
Load Bank	105 lbs.
Load Bank & Case	175 lbs



### Digital Display

Voltage Amperage Frequency Kilowatts Amps

### Standard Features

- **Large Load Capacity** - up to 100 KW
- **Continuous Operation**
- **Convenient Operator Controls** - The operator control panel includes a Master Load ON-OFF switch, individual load-step ON-OFF industrial toggle switches, a Control Power ON-OFF switch, and a Load Voltage selector switch.
- **Safety Features** - The Minuteman Load Bank features multiple-array over temperature protection and wrong voltage detection circuitry.
- **Digital Metering** - Avtron Advanced Digital Monitoring Systems (ADMS)<sup>™</sup> is provided for display of Volts, Amps, Frequency, and KW. ADMS<sup>™</sup> also includes Data Logging Software at no additional cost.
- **Load Cables** - The load bank includes a 10' cable set with fully-rated, quick-connect load terminals.
- **Data Logging Software**
- **Ultra-Compact**, Portable, Easy to Transport and Operate
- **Lightweight** Aluminized Steel Enclosure - only 105 lbs.
- **Hard Shell Travel Case** - Included

LPC-100 Ratings & Load Steps	
<b>Load Steps - 3 phase</b>	
At 480 Volts AC	
Rating	100 kW
Steps	5, 10, 10, 25, & 50 kW
At 240 Volts AC	
Rating	93.75 kW
Steps	3.75, 7.5, 7.5, 25, & 50 kW
<b>Load Steps - 1 phase</b>	
At 240 Volts AC	
Rating	* Connect option 1
Steps	46.9 kW
Steps	1.875, 3.75, 3.75, 12.5, & 25 kW
At 240 Volts AC	
Rating	**Connect option 2
Steps	62.75 kW
Steps	2.5, 5.0, 5.0, 16.75, & 33.5 kW

\* Uses Line A and Line C only.

\*\* Uses Line A, B, C.

