

Power House 50-5-480/240-3+1 Portable Resistive Load Bank Specifications "50-5-MV"

Rating: 50 kW at 480 and 240 Volts AC, 3 Phase, 60 Hertz, 60/120 Amps per Phase
Total load de-rates to: 38 kW when operated at 208 Volts AC, 3 Phase, 60 Hertz, 104 Amps/ph.
Single phase ratings: 25 kW @ 240VAC=104 A, & 12.5 kW @ 120VAC= 104 A

Tolerance: 5%

Duty Cycle: Rated for continuous generator test operation.

Load Connections: Convenient quick disconnect power connections
3 Phase 4 Wire "wye" (A,B,C,N) & 1 Phase 2 Wire for single phase testing.

Load Step Resolution: 5, 10, 10, & 25 kW @ 480 & 240 Volts AC 3 phase.
Step switches labeled for all voltage and phase modes

Easy to use operator control panel with:

Latest in digital metering with 3-line LED display of; V, I, W/kW, Hz, etc.
Status indicating lights:

- Air-flow indicating red and green lights
- Over-temperature red light



Main Power on/off switch

Fan on/off switch

Master Load switch

Voltage Selection switch

Individual load step switches

Test jacks for meter probes A, B, C, & N

Safety Features:

Fast acting, branch circuit fuse protection on all 3 phases of all load steps.

Fused 120V control circuit

Air pressure switch to prevent load from being applied if loss of cooling air is detected

Over-temperature sensor automatically removes load if an over-temperature condition is detected

Blower Motor circuit is protected by current overload protection.

Operator warning and caution statements are located on appropriate access panels and doors.

Control Power:

120 VAC, 1 Phase, 60 Hertz, required for control circuit operation. Line cord provided.

Cooling System: Integrally mounted, high velocity, 120V AC 1 phase 60 Hz. fans provide the necessary cooling air for the resistor load elements.

Construction:

Rugged all metal frame with durable powder coat finish

Lifting handles

Stainless steel exterior fasteners

Horizontal Airflow

Front control guards / handles

Dimensions: 14" wide x 18" long x 23" tall

Weight: 60 lbs.

Optional Features Available:

Mating color coded female connectors: \$50

Wheel kit: \$60

Vinyl storage cover: \$90

Alternate load step control: \$250

10' Cable set with connectors on load bank end: \$270

Padded hard case with wheels and telescoping handle: \$395

3 line LED data logging digital power meter upgrade: \$250

Wrong voltage protection system: \$350

