

AC-DC Power Supplies

Educational Training Equipment for the 21st Century

Bulletin 258-1G

BPS-100-PP-3



MODEL BPS-100-PP-3

Dimensions: 12"H x 35"W x 12"D
Shipping Weight: 170 lbs.

The Hampden **Model BPS-100-PP-3** contains the identical power sources found on the Hampden **Model HMD-100-CM** Deluxe Console. Designed for bench-top mounting, it provides all of the fixed and variable AC and DC power supplies required by Hampden's Series 100 fractional-horsepower rotating machines.

The **Model BPS-100-PP-3** requires the following input: 120/208 volts, 3Ø, 4-wire, 50/60 Hz - 20 Amps
These electrical services are provided:

- Fixed 120V AC, 15 amps through two duplex receptacles
- Fixed 120V AC, 10 amps, 1Ø, 2-wire
- Fixed 208/120V AC, 15 amps, 3Ø, 4-wire
- Variable 0-240/140V AC 9 amps, 3Ø, 4-wire
- Variable 0-150V DC, 1 amp, isolated, 1% ripple
- Variable 0-125V DC, 6 amps, isolated, 1% ripple

Each of the variable supplies is controlled by a separate variable autotransformer. All supplies are circuit breaker protected. Supplied complete with cords.

BPS-101

The Hampden **Model BPS-101** is ideal for electrical labs where a source of variable DC and single-phase AC is required. Built-in AC-DC voltmeter eliminates the need for separate meters to monitor supply output.

Input power: 1Ø, 50/60 Hz

These electrical services are provided:

- Fixed 120V AC, 10 amps through duplex receptacle
- *Variable 0-120V AC, 9 amps through duplex receptacle
- *Variable 0-135V AC, 5 amps, isolated
- *Variable 0-125V DC, 6 amps, isolated, 1% ripple

*Controlled by the same autotransformer.

All variable power supplies are both primary and secondary circuit breaker protected. Supplied complete with cords.



MODEL BPS-101

Dimensions: 7"H x 19"W x 8 1/4"D
Shipping Weight: 70 lbs.

BPS-103A

The Hampden **Model BPS-103A** fulfills all of the power requirements of the DC motors and generators, and AC single- and three-phase motors and alternators of the Series 100 complement of fractional-horsepower machines.

The **Model BPS-103A** requires the following input: 120/208 volts, 3Ø, 4-wire, 50/60 Hz - 20 Amps.

These electrical services are provided:

- Fixed 208/120V AC, 3Ø, 15 amps
- *Variable 0-125V DC, 6 amps, isolated, 1% ripple
- *Variable 0-140V AC, 6 amps, 1Ø, isolated
- *Variable 0-240/140V AC, 9 amps 3Ø, 4-wire
- Variable 0-150V DC, 1 amp, isolated, 1% ripple

*Controlled by the same autotransformer.

All variable power supplies are both primary and secondary circuit breaker protected. Supplied complete with cords.



MODEL BPS-103A

Dimensions: 8"H x 19"W x 13 1/2"D
Shipping Weight: 120 lbs.

All Hampden units are available for operation at any voltage or frequency

Hampden
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