

FEATURES

- Three fixed frequencies; 50 Hz, 60 Hz, 400 Hz
- Variable voltage
- Unique overload protection
- Bench top or rack mount
- Low cost



WORLD WIDE POWER ON YOUR BENCH OR IN YOUR TEST RACK

The P1350, *Power Passport*, delivers 1350 VA of clean, regulated AC power in a 3.5" high bench top unit that easily converts to rack mount, for far less than competitive models.

The P1350 is ideal for export testing and operating equipment manufactured in a foreign country. The P1350 will simulate any world wide utility, aircraft and shipboard power. Simply select the required frequency, choose a voltage range, dial up your desired voltage, and you are ready to test.

INPUT

Voltage: 120 VAC, +/- 10%
Frequency: 47-440 Hz

OUTPUT

Power: 1350 VA
Voltage: 0-135 V or 0-270 V, isolated
Frequency: Switch selectable:
50 Hz, 60 Hz or 400 Hz
Current: 10 Amps, 0-135 V Range,
5 Amps, 0-270 V Range
Crest Factor: 3:1
Power Factor: 100% of rated output into any
power factor load
Distortion: 1.0% THD typical, measured at full
load, 115 Volts, 60 Hz
Line Regulation: +/- 0.1% for +/- 10% line change
Load Regulation: +/- 0.7%, no load to full load
Efficiency: 80% typical

PROTECTIVE CIRCUITS

Input: Fuse
Constant Current: Overload automatically causes
voltage fold-back to provide
maximum current without distorting
output waveform
Short Circuit: Short circuit overload electronically
latches output open to protect
load... power restored by recycling
input power
Thermal: Internal temperature sensor
prevents heat damage

The P1350 delivers all the quality features you expect from Behlman; clean sinewave output with excellent line and load regulation, high efficiency and low harmonic distortion. In addition there is a unique overload protection system that folds back voltage to maintain rated output current without waveform distortion.

Small size, low cost, quiet operation and high efficiency make the P1350 ideal for industrial product testing, avionic testing and power conversion.

CONTROLS /INDICATORS

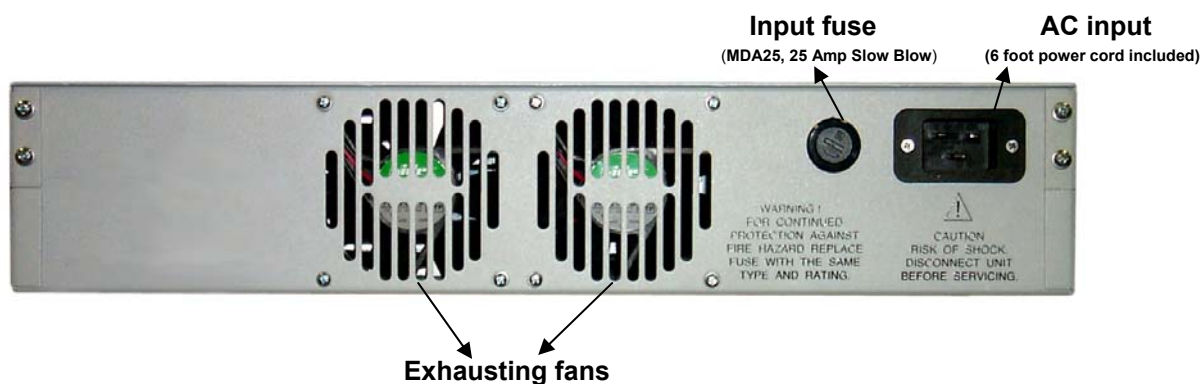
Power On/Off: Rocker type switch
Frequency select: Three position switch
Display: DMM for volts
Volts adjust: Ten turn potentiometer
Range: Rocker switch (High/Low)
Indicators: Fault

MECHANICAL & ENVIRONMENTAL

Dimensions: High-strength bench top chassis
with removable rubber feet,
3.5"H x 17"W x 17.5"D
(8.9 cm x 43.2 cm x 44.5 cm)
Weight: 39 lbs (17.6kgs),
Operating Temp: 32° to 131° F (0° to 55° C)
Input Connections: IEC320 C-20 receptacle with six foot
line cord with NEMA 5-15 plug
Output Connections: European "Schuko" receptacle with
NEMA 5-15 adaptor.
See option list for other adaptors

OPTIONS: *Contact factory for additional options.*

- A001:** Adapter, "SCHUKO" to NEMA 5-15R
- A002:** Adapter, "SCHUKO" to NEMA 6-15R
- A003:** Adapter, "SCHUKO" to UK1-13R
- A004:** Adapter, "SCHUKO" to Swiss SW1-10R
- A005:** Adapter, "SCHUKO" to Italian IT1-10R/16R
- A006:** Adapter, "SCHUKO" to Australian AU1-10R
- L:** Locking pot
- RM:** Rack Mount kit
- RO:** Rear output NEMA 5-15 receptacle
- TB:** Rear output enclosed terminal block



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