Behlman Power Products

AC Power Source/ Frequency Converter

P1350

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

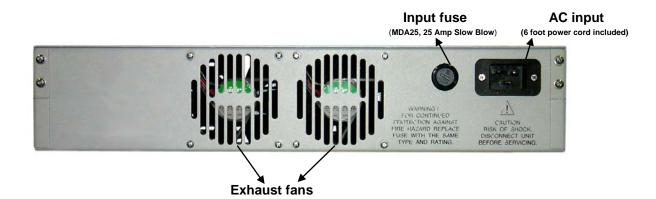
OPTIONS: Contact factory for additional options.

A001: Adapter, "SCHUKO" to NEMA 5-15R A002: Adapter, "SCHUKO" to NEMA 6-15R 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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