

STANDARD FEATURES

- PFC Input
- Three fixed frequencies; 50 Hz, 60 Hz, 400 Hz
- Variable voltage
- Unique overload protection
- Bench top or rack mount
- CE Mark



WORLD WIDE POWER ON YOUR BENCH OR IN YOUR TEST RACK

The PF1350 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 PF1350 is ideal for export testing and operating equipment manufactured in a foreign country. The PF1350 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.

The PF1350 delivers all the quality features you expect from Behlman; clean sine wave 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 PF1350 ideal for industrial product testing, avionic testing and power conversion.

INPUT

Voltage: 95-270 VAC, @ 16Amps Max.
(Full power from 115VAC to 270 VAC)
Frequency: 47-63 Hz.
47-440Hz (Non CE Mark)

OUTPUT

Power: 1200 VA
(1350 VA @ 120VAC in @ 25° C)
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
AC Regulation: 0.7% @ F.S., No Load to Full load,
resistive
AC Regulation Response time: 250 – 300 msec. typical
Crest Factor: 3:1
Power Factor: 100% of rated output into any
power factor load
Distortion: 1.5% THD typical, measured at full
load, 120 Volts, 60 Hz
Line Regulation: +/- 0.1% for +/- 10% line change
Load Regulation: +/- 0.7%, no load to full load
Efficiency: 75% 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 cycling
input power
Thermal: Internal temperature sensor
prevents heat damage

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

METERING

Voltage: +/- 0.5% of reading + 1% of range
1 V resolution

MECHANICAL & ENVIRONMENTAL

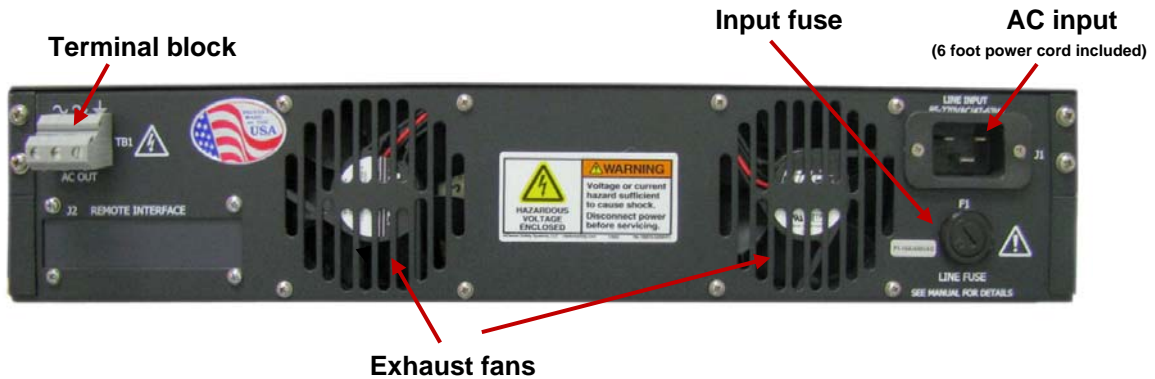
- Dimensions:** High-strength bench top chassis with removable rubber feet, 3.5"H x 17"W x 22"D (8.9 cm x 43.2 cm x 55.9 cm)
- Weight:** 49 lbs (22.2kgs),
- Operating Temperature:** 32° to 122° F (0° to 50° C)
- Storage Temperature:** 14° to 140° F (-10° to +60° C)
- Input Connections:** IEC320 C-20 receptacle with two meter cable unterminated
- Output Connections:** European "Schuko" receptacle with NEMA 5-15 adaptor.
See option list for other adaptors

CERTIFICATION

- CE MARK:** IEC-61010-1, class1 general safety requirements and IEC-60950-1 where applicable

AVAILABLE 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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