STANDARD FEATURES
• PFC Input
• Three fixed frequencies; 50 Hz, 60 Hz, 400 Hz
• Variable voltage
• Unique overload protection
• Bench top or rack mount

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.

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

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

Safety: 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

---

AC Power Source/ Frequency Converter

PF1350

www.behrman.com

Headquarters:
80 Cabot Court, Hauppauge, NY 11788
631 435-0410 800 874-6727
Fax: 631 951-4341

sales@behrman.com

Proudly made in the USA

ISO 9001:2008