

#### 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.

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

#### 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

