**Model PF1351**

**STANDARD FEATURES**
- PFC Input
- Low output THD
- Variable voltage and frequency
- Unique overload protection
- Bench top or rack mount
- Remote programming

**MANUAL CONTROL OR PROGRAMMABLE AC POWER FOR YOUR BENCH OR TEST RACK**

The PF1351 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.

In the PF1351 you’ll find the quality features you expect from Behlman; fully adjustable voltage and frequency, low-output THD, high efficiency, plus excellent line and load regulation. There’s also a unique overload protection system that folds back voltage to maintain rated current without output waveform distortion.

**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: 45-500 Hz (Option E: 45-1000 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
- Display: Two DMM’s, one for volts and the other Freq/Amps
- Output On/Off: Push button switch
- Range: Push button switch (High/Low)
- Indicators: Output on, high range, frequency or amps, constant current and fault

**METERING**
- Voltage: +/- 0.5% of reading + 1% of range
  1 V resolution
- Current: +/- 1% of reading +1% of range,
  0.1 A resolution
- Frequency: +/- 1% of reading + (-/1Hz)
  1Hz resolution

**MECHANICAL & ENVIRONMENTAL**
- Dimensions: High-strength bench top chassis with removable rubber feet,
AC Power Source/Frequency Converter

3.5"H x 17"W x 22"D (8.9 cm x 43.2 cm x 55.9 cm)

Weight: 49 lbs (22.2 kgs),
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: Three safety sockets on front panel and enclosed terminal bock on rear

Safety: IEC-61010-1, class1 general safety requirements and IEC-60950-1 where applicable

AVAILABLE OPTIONS: Contact factory for additional options.
A: Analog remote control, 0-10 VDC for volts and frequency and contact closure for range and output
E: Extended frequency range, 45-1000 Hz
I: IEEE-488 interface
IR: RS 232 interface
L: Locking pots
RM: Rack Mount kit

AC output
Input fuse
AC input
(6 foot power cord included)
Optional remote interface
Exhaust fans