

## 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

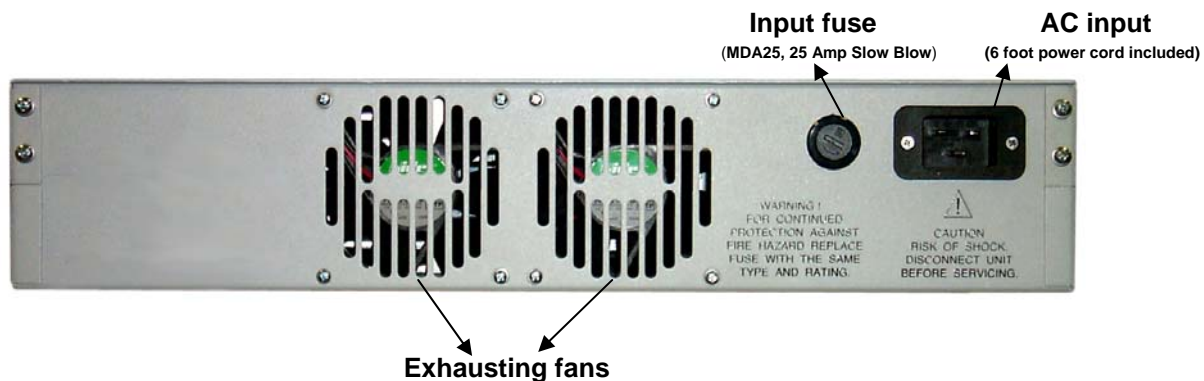
**Power On/Off:** Rocker type switch  
**Frequency select:** Three position switch  
**Display:** DMM for volts  
**Volts adjust:** Ten turn potentiometer  
**Range:** Rocker switch (High/Low)  
**Indicators:** Fault

### 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
- 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



Proudly made  
  
in the U.S.A.

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