

## FEATURES

- 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 TEST RACK

The P1350-CE, *Power Passport*, delivers 1350 VA of clean, regulated AC power in a 5.25" high bench top unit that easily converts to rack mount, for far less than competitive models.

The P1350-CE is ideal for export testing and operating equipment manufactured in a foreign country. The P1350-CE 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:** 230 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-CE 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.

Low cost, quiet operation and high efficiency make the P1350-CE ideal for industrial product testing, avionic testing and power conversion.

### CONTROLS /INDICATORS

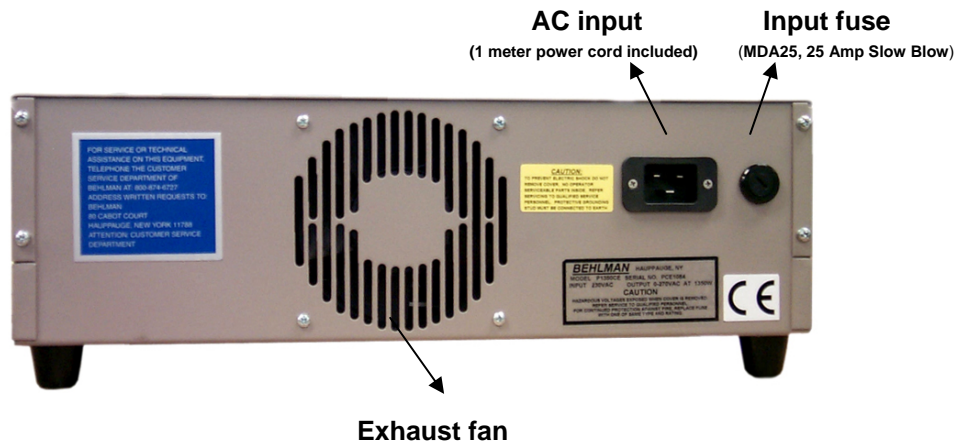
**Power On/Off:** Rocker type switch  
**Frequency select:** Three position switch  
**Display:** DMM for volts  
**Volts adjust:** Ten turn potentiometer  
**Range:** Rocker switch (High/Low)  
**Indicators:** Fault

### MECHANICAL & ENVIRONMENTAL

**Dimensions:** High-strength bench top chassis with  
removable rubber feet and two  
removable carry handles  
5.25"H x 17"W x 17"D  
(13.3 cm x 43.2 cm x 43.2 cm)  
**Weight:** 75 lbs (33.9kgs),  
**Operating Temp:** 32° to 131° F (0° to 55° C)  
**Input Connections:** IEC320 C-20 receptacle with a one  
meter line cord and unterminated end  
**Output Connections:** European "Schuko" receptacle and  
NEMA 5-15 receptacle on front panel  
**CE Marked:** This allows unit to be used in the  
European Economic Community

**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.

[www.behlman.com](http://www.behlman.com)

**ORBIT POWER GROUP**  
Behlman Electronics

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

2363 Teller Road, Suite 108  
Newbury Park, CA 91320  
805 375-7046 800 456-2006  
Fax: 805 498-2147

[sales@behlman.com](mailto:sales@behlman.com)