

P1350



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.

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.

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: 50Hz, 60Hz or 400Hz
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

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)	Input Connections	IEC320 C-20 receptacle with six foot line cord with NEMA 5-15 plug
Weight	39 lbs (17.6kgs),	Output Connections	European "Schuko" receptacle with NEMA 5-15 adaptor. See option list for other adaptors
Operating Temp	32° to 131° F (0° to 55° C)		

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

Contact factory for additional options.

