

# P1351



## FEATURES

- 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 P1351 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 P1351 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. Available options include IEEE-488 interface, extended frequency range, 45 Hz to 1000 Hz and rack mount kit. Small size, quiet operation and high efficiency make the P2002 ideal for industrial product testing, precision avionic test, power conversion and Automatic Test Equipment testing.

The unit can be controlled from the front panel or remotely using the optional 0-10 VDC, RS232 or IEEE-488 interface. Other options include extended frequency range, 45 Hz to 1000 Hz and rack mount kit.

Small size, low cost, quiet operation and high efficiency make the P1351 ideal for industrial product testing, precision avionic test, power conversion and Automatic Test Equipment testing

## INPUT

Voltage	120 VAC, +/- 10%	Line Regulation	+/- 0.1% for +/- 10% line change
Frequency	47-440 Hz	Load Regulation	+/- 0.7%, no load to full load
		Efficiency	80% typical

## OUTPUT

Power	1350 VA
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
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

## 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
Display	Two DMM's, one for volts and one for frequency (Hz) and 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

## 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 Temperature	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	Three safety sockets on front panel and enclosed terminal block on rear

## OPTIONS

A	Analog remote control...0-10 VDC for volts and frequency...contact closure for range and output
E	Extended frequency range, 45-1000 Hz
I	IEEE-488 interface
IR	RS 232 interface
RM	Rack Mount kit

Contact factory for additional options.

