

AC Power Supply/Frequency Converter Specifications Model BL3X100C-9-6188

Features

- Adjustable output 0-15 VAC, L-N, 3-phase, 1200 Hz
- Compact Size – Less rack space



Actual unit may look different

The BL3X100 delivers clean sine wave output with excellent line and load regulation, low harmonic distortion. Unique protection circuitry provides for over-temperature protection; short-circuit protection and voltage fold-back during overloads to maintain undistorted waveforms. Small size, quiet operation make the BL3X100 ideal for avionic testing.

SPECIFICATIONS

INPUT

Voltage 230 VAC, +10% /- 15%, 1-phase
Frequency 47-63 Hz

OUTPUT

Voltage: 0-15 VAC, L-N, 3-phase, **Isolated and Floating.**

Power: 120 VA, 40 VA/phase
Frequency: 1200 Hz
Current: 2.6Amps/phase maximum
Crest Factor: 3:1
Power Factor: 100% of rated output into any power factor load
Distortion: 5% THD Typical with resistive load
Line Regulation: 0.5% for +/- 10% line change
Load Regulation: 0.7% no load to full load
Efficiency: 70% typical

CONTROLS/ INDICATORS

Power On/Off: Circuit breaker
Indicators: Power On, Overtemp, Fault, Constant Current

PROTECTIVE CIRCUITS

Input: Main circuit breaker
Constant Current: Overload automatically causes voltage fold-back to provide maximum current without distorting output waveform.
Overload: Short Circuit overload electronically disables output to protect load. Power restored by cycling circuit breaker
Thermal: Internal temperature sensor prevents over heating.

ENVIRONMENTAL / CONNECTIONS

Operating Temp: 32° F to 122° F (0-50° C)
Humidity: 0-95% RH non-condensing
Input Connections: Terminal block with #6-32 hardware
Output Connections: Terminal block with #6-32 hardware

MECHANICAL SPECIFICATIONS

Dimensions: 19" rack-mount chassis (3U) 5.25" H and 22" D
Weight: 35 lbs max
Cooling: Internal fans

World Headquarters
80 Cabot Court Hauppauge, NY 11788
91320
(631)435-0410 (800)874-6727 Fax(631)951-4341

Behlman
e-mail: sales@behlman.com
Web-site: www.behlman.com

West Coast Office
2363 Teller Rd, Suite 108 Newbury Park, CA
(805)375-7046 (800)456-2006 Fax(805)498-2147

