

BL15000C-1X-R-5463 SPECIFICATIONS

BEHLMAN's BL15000C-1X-R-5463 (15 KVA Frequency Converter) is a ruggedized, 19" rack mount system.

INPUT: 115/200 VAC, 3 Phase WYE/Delta, 324-596 Hz,
Utilizes a Multi Pulse Input Transformer for Low Input Current THD.

OUTPUT:
Power: 15,000 VA
Voltage: 115/200 VAC, 3 Phase
Frequency: 400 Hz
Current: 37 Amps / Phase
Current Crest Factor: 3:1
Power Factor: 100% of rated output into any power factor load.
Distortion: 3% Typical THD
Load Regulation: $\pm 0.7\%$ No Load to Full Load
Line Regulation: $\pm 0.1\%$ for $\pm 10\%$ Line Change
Efficiency: 80% typical.



PROTECTIVE CIRCUITS:

Input Protection: Electronic circuit breaker.
Constant Current Mode: Overload automatically causes voltage fold back to provide maximum current without distorting output waveform. With LED Indicator.
Short Circuit Protection: Short Circuit electronically latches output open to protect load. Power restored by recycling circuit breaker. With LED Indicator.
Thermal Protection: Internal temperature sensor prevents heat damage. With LED Indicator.

CONTROL/INDICATORS:

External Sync: Allows synchronization of the AC output with an external sine wave.
Line Drop Compensation: Allows for front panel adjustment of output to compensate for voltage drop over long distance.
Meters: Three (3) DMM: True RMS Volts; True RMS Amps; Frequency

MECHANICAL SPECIFICATIONS:

Configuration: Two (2) 19" Rack Mount Chassis w/slides.
Dimensions: Power/Input Chassis - 8.75"H x 22"D.
Control/Output Chassis - 7.00"H x 22"D.
Total Weight: Approximately 200 lbs.
Operating Temperature: 0 to + 55°C.
Humidity: 0-95% RH non-condensing.
Input connections: Barrier strips on rear.
Output: Barrier strip on rear
Grounding: Ground Stud on each chassis.

OPTION 5463: Special input transformer
Input - 115/200 VAC, 3 Phase WYE/Delta, 324-596 Hz
Output – Fixed at 115/200 VAC, 400Hz
Option R: Ruggedized
Slides – Option S10 (Behlman part no.101-085-010 & 101-085-006)

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