# *BEHLMAN*

# 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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