



LF1- 400 Frequency Converter

115/200V 400Hz Single Phase output, at up to 1kVA



The LF1-400 Frequency Converter offers low price, fixed frequency, fixed voltage sine wave output.

A transformer ensures full isolation between the output voltage and the incoming supply and the output neutral may be earthed externally if required. The unit is fully protected against overcurrent and overtemperature conditions. Input power and output cable supplied.

This unit is normally supplied as a free standing bench top unit; but the LF1 can also be built in a rack mount configuration if required at no extra cost. A support shelf or bracket would be required when the rack mounting option is specified: these are not supplied with the unit, as their dimensions will depend on the arrangement of the cabinet or rack.

General Specification for LF1 - 400

Input Requirement 115 or 230V single phase, +10% / - 6%, 45 – 66Hz with automatic selection of input voltage

Output Capability 115V 400Hz +/- 1Hz, at up to 1kVA (8.7A max)
Overcurrent trip at >1200VA
Short circuit and overtemperature protection
Load Power Factor 0.5 lag to 0.5 lead at full load
With linear load, line regulation +/- 1%, load regulation +/- 1%
THD better than 5% and full load efficiency >80%

Controls, Indications & Connections Input On/Off and indicator, Output On/Off Switch
Output voltage and output current analogue meters
Overcurrent and overtemperature indicators
IEC inlet connector, twist lock output connector
Input and output cable supplied

Operating Environment 0 to +40 degrees 90% non condensing

Size & Weight 440 wide x 370 deep x 98 high (2u in 19 Inch rack) <10kg