

# LF1-400

## Frequency Converter



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

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

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.

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 89 high (2u in 19 Inch rack) <10kg



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