



LF1-400-3kW

115V 400Hz Single Phase output, at up to 3kVA



The LF1-400-3kW frequency converter offers low price fixed voltage single phased 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 temperature conditions, LF1-400-3kW are supplied with input and output cables.

This LF1-400-3kW is normally supplied as a free standing bench top unit; but 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.

Specification for LF1-400-3kW Frequency Converter

Input Requirement	230V Single Phase, +10% / -6%, 45-66Hz
Output Capability	115V 400Hz +/-1Hz, at up to 3kVA (26A max) Overcurrent trip at >3600VA 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 and Connections	Input On/Off switch and indicator, Output On/Off switch Output Voltage and Output Current analogue meters Over Current and Over Temperature indicators IEC inlet connector, twist-lock output connector Input and output cables supplied
Operating Environment	0 to 40 degrees, 0-90% non-condensing
Size and Weight	440 wide x 590 deep x 145 high (3U in 19 inch rack), 25kg