



LF3- 400 Frequency Converter

115/200V 400Hz Three Phase output, at up to 3kVA



The LF3-400 Frequency Converter offers low price, fixed frequency, fixed voltage Single phase in three phase, sine wave output.

A transformer ensures full isolation between the output voltage and the incoming supply and the output neutral (star point) 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 LF3 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 LF3 - 400

Input Requirement	230V single phase, +10% / - 6%, 45 – 66Hz
Output Capability	115/200V 400Hz +/- 1Hz, at up to 3kVA (8.7A/ph max) Overcurrent trip at >1200VA on any phase 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 Heavy-duty industrial rectangular input and output connectors
Operating Environment	0 to +40 degrees 90% non condensing
Size & Weight	440mm wide x 590mm deep x 145mm high (3u in 19 Inch rack) 25kg