

LF1-400-3kW

Frequency Converter



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

The LF1-400-3kW frequency converter offers low price fixed voltage single phased 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.

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 & 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 & Weight	449mm wide x 476mm (Case) 562mm (With Handels) deep x 177mm 4U High in 19" Rack 36kg



Although the information and recommendations on this document are presented in good faith and believed to be correct, Magnus Power makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Magnus Power be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information from this datasheet or the products to which the information refers. Magnus Power does not warrant the accuracy or timeliness of the materials on this datasheet and has no liability for any errors or omissions in the materials.

Magnus Power.
Vision House, 41 Brunel Road.
Churchfields Ind. Est.
St. Leonards on Sea.
East Sussex. TN38 9RT

Tel : +44 (0) 1424 856 172

Email : magnuspower.sales@akersolutions.com

www.magnuspower.co.uk