

LF1-400 3kW Frequency Converter

230V Mains to 115/200V 400Hz

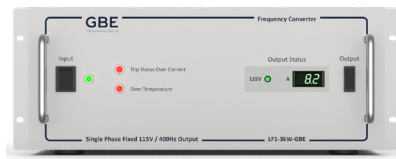
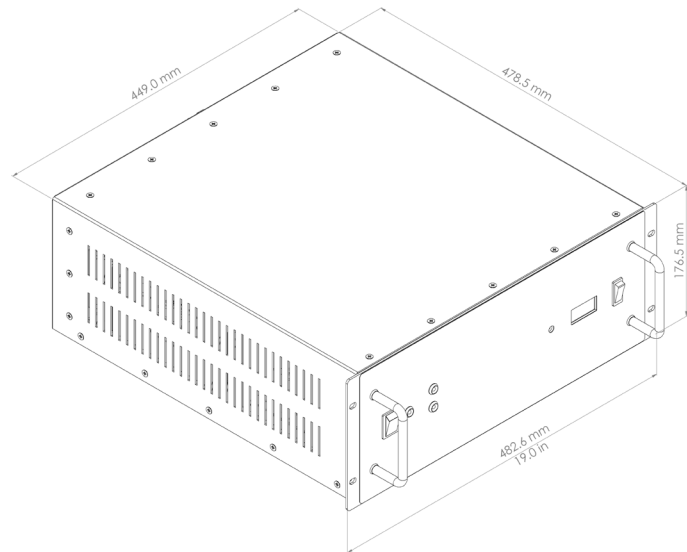
info@gbelectronics.com

www.gbepower.com

+44 (0) 1903 244500

Single Phase output, at up to 3kVA

- Full isolation between the output voltage and the incoming supply.
- Output neutral may be earthed externally if required.
- Protected against overcurrent and temperature conditions.
- Input power and output cable supplied.
- Options for free standing bench top unit or rack mount.
- A support shelf or bracket is required if rack mounting option is specified.



Input Requirement

230V single phase, +10% / - 6%, 45 – 66Hz.

Output Capability

115V 400Hz +/-1Hz, at up to 3kVA (26A max).

Overcurrent trip at >3.6kVA.

Short circuit and over temperature 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 indicators and digital output amp indicators.

Over Current and Over Temperature indicators.

Heavy-duty industrial rectangular output connector and IEC C20 input connector.

Operating Environment

0°C to +40°C.

Up to 90% relative humidity (non condensing).

LF1-400 3kW is intended to be operated within the normal environmental conditions for indoor use as is defined by EN 61010-1:2010+A1:2019.

Size & Weight

449mm wide x 478.5mm deep x 176.5mm high.

(4u in 19 Inch rack) 36kg.