

# LF1-400 Frequency Converter

230V Mains to 115V 400Hz

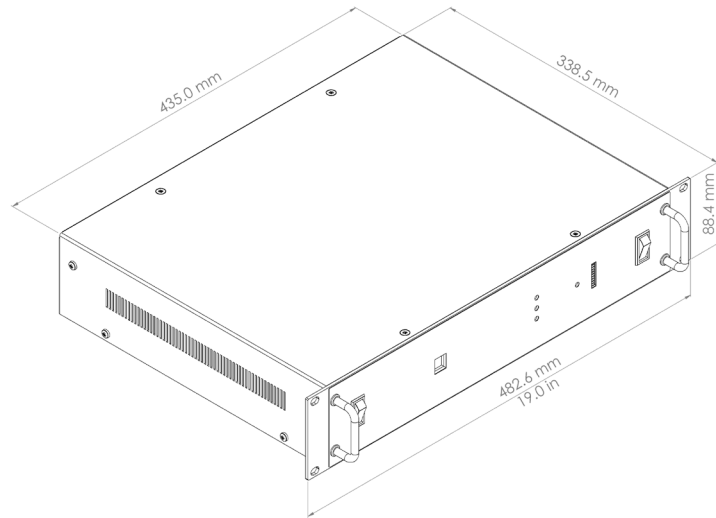
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## Single Phase output, at up to 1kVA

- The output is fully isolated.
- Output neutral may be earthed externally if required.
- The unit is protected against over current and over temperature conditions.
- Input and output cables supplied.
- The unit is tolerant to transient over current spikes.
- Options for free standing bench top unit or rack mount.
- A support shelf or bracket is required if rack mounting option is specified.
- Optional remote on/off.



## Input Requirement

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

## Output Capability

115V +/-4%, 400Hz +/- 1Hz, at up to 1kVA (8.7A max).

Over current trip at >1000VA.

Short circuit and over temperature protection.

Over Current Transient Tolerant.

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 indicators.

Over current and over temperature indicators.

IEC inlet connector, locking output connector.

Input and output cable supplied.

Data port as additional option, contact GBE for your requirements.

## Operating Environment

0°C to +40°C.

Up to 90% relative humidity (non condensing).

LF1-400 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

435mm wide x 338.5mm deep x 88.4mm high (2u in 19 Inch rack) <10 kg.