



**LPA**

Innovation Through Inspiration

# RB1-400-3kW-GBE

## 155V 400 Hz single phase output, at up to 3kVA

The RB1-400-3kW-GBE 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, RB1-400-3kW-GBE are supplied with input and output cables. This RB1-400-3kW-GBE 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.

[www.lpa-group.com](http://www.lpa-group.com)

[www.redboxaviation.com](http://www.redboxaviation.com)

### RB1-400-3kW-GBE SPECIFICATION

Input requirement	<ul style="list-style-type: none"> <li>230V single phase +10% / - 6%, 45 - 65Hz</li> </ul>
Output capability	<ul style="list-style-type: none"> <li>115V 400 Hz +/- 1 Hz at up to 3kVA (26A max)</li> <li>Overcurrent trip at &gt;3600VA</li> <li>Short circuit &amp; overtemperature protection</li> <li>Load power factor 0.5 lag to 0.5 lead at full load</li> <li>With linear load, line regulation +/-1%, load regulation +/-1%</li> <li>THD better than 5% &amp; full load efficiency &gt;80%</li> </ul>
Controls, indications & connections	<ul style="list-style-type: none"> <li>Input on/off switch and indicator, output on/off switch</li> <li>Output voltage &amp; output current analogue meters</li> <li>Over current &amp; over temperature indicators</li> <li>IEC inlet connector, twist-lock output connector</li> <li>Input &amp; output cables supplied</li> </ul>
Operating environment	<ul style="list-style-type: none"> <li>0 to +40 degrees</li> <li>90% non condensing</li> </ul>
Size & weight	<ul style="list-style-type: none"> <li>449mm wide x 476 mm (case) 562mm (with handles) deep x 177mm high (4u in 19 inch rack) 36kg</li> </ul>

