Features
- Designed for high voltage output 24 ~ 125vdc
- Conduction / Convection cooled - No fans
- Rugged design for industrial applications
- Fully isolated input – output 4300VDC
- Over voltage protection & Overload protection
- Overload and short circuit protection
- MTBF > 160,000hrs
- Specials input / output combinations on request.
- Suitable for battery charging applications - Option
- N+1 Redundancy –option
- Output DC Fail alarm -option
- Suitable for Battery Charging applications

Description
The HBL1K AC/DC Power Supply is designed for high voltage applications up to 125VDC.

This rugged, industrial quality power supply uses field proven topology. It is a mature design with an excellent track record in numerous applications.

Cooling is via the base plate (conduction) and or convection cooling, with no fans, making it suitable for harsh environmental applications.

An optional built-in redundancy diode allows parallel connection to achieve higher output power or N+1 redundancy, with output DC Fail alarm.

This chassis-mount design is optimized for low component count and high efficiency. The use of components with established reliability results in high MTBF.

Options
Output Voltage  Special voltage outputs
Terminals  Customer specified connectors
N+1 Redundancy  Output redundancy diode & Alarm
Ruggedizing  Extended ruggedizing and conformal coating available.
Remote Control  Remote ON / OFF

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Outputs</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V</td>
<td>V</td>
<td>A</td>
</tr>
<tr>
<td>HBL1K-24FT</td>
<td>115/230VAC</td>
<td>24V</td>
<td>38A</td>
</tr>
<tr>
<td>HBL1K-28FT</td>
<td>115/230VAC</td>
<td>28V</td>
<td>32A</td>
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<td>115/230VAC</td>
<td>36V</td>
<td>25A</td>
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<td>115/230VAC</td>
<td>48V</td>
<td>21A</td>
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<td>115/230VAC</td>
<td>56V</td>
<td>18A</td>
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<td>115/230VAC</td>
<td>110V</td>
<td>9A</td>
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<tr>
<td>HBL1K-125FT</td>
<td>115/230VAC</td>
<td>125V</td>
<td>8A</td>
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</tbody>
</table>

- Other voltage options available from 24 ~ 125V.

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DIMENSIONS ARE IN MILLIMETERS

INCHES) TOLERANCES ON
DECIMALS: XXX ± 0.2mm
XX ± 0.3mm
ANGLES: ± 2°
FRACTIONS: ± 0.4mm
UNLESS OTHERWISE STATED

TITLE: OUTLINE DRAWING
F6 PACKAGE

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