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HE104
High Efficiency Power Supply

Features
- 50W output
- 6V to 40V DC input range
- 5V, 12V, -12V
- PC/104 compliant
- Highly Compact
- -40°C to 85°C operation
- Optional AC bus Termination

Specifications

Electrical Specifications
- 5V output* 10.0A
- 12V output 2.0A
- -5V output 0.4A
- -12V output 0.5A

Input Voltage 6 to 40VDC

Mechanical/Environmental
- Size (W x L x H)**** 3.55” x 3.75” x 0.60”
- Weight 6.08 oz/172.37 grams
- Temperature Range -40 to +85°C

Performance Characteristics
- Peak to Peak ripple* <20mV
- Load Regulation** <60mV
- Line Regulation** 40mV
- Output Temp. Drift** <40mV
- Output Ripple** 20mV
- Quiescent Current*** 2mA
- Efficiency up to 95%

* Current rating includes current supplied to 12V and -12V regulators
** Measured on the 5V output
*** LEDs disabled and power supply is in shutdown mode
**** Not including pass through pins

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>HE104</td>
<td>+5V and +12V outputs</td>
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</table>

Options
<table>
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<tr>
<th>Option</th>
<th>Description</th>
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<tbody>
<tr>
<td>OPT-5H</td>
<td>-5V outputs</td>
</tr>
<tr>
<td>OPT-12H</td>
<td>-12V outputs</td>
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<tr>
<td>OPT-512H</td>
<td>-5V and -12V outputs</td>
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<tr>
<td>OPT-T</td>
<td>AC Bus Termination installed onto the power supply</td>
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<tr>
<td>RPD</td>
<td>Reverse Polarity Diode for reverse input protection</td>
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