



**SPECIFICATIONS: LINEAR POWER SUPPLY IHTAA-16W**

**MADE IN THE U.S.A.**

<p><b>VAC INPUT:</b></p> <ul style="list-style-type: none"> <li>100/120/220/240 VAC, +10%, -13%</li> <li>TOLERANCE FOR 230 VAC IS +15%, -10%</li> <li>FREQUENCY RANGE: 47-63HZ</li> </ul>	<p><b>VAC JUMPERING AND FUSING REQUIREMENTS:</b> SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS</p> <table border="1"> <thead> <tr> <th>For Use at</th> <th>100VAC</th> <th>120VAC</th> <th>220VAC</th> <th>230/240VAC</th> </tr> </thead> <tbody> <tr> <td>Jumper</td> <td>1&amp;3, 2&amp;4</td> <td>1&amp;3, 2&amp;4</td> <td>2&amp;3</td> <td>2&amp;3</td> </tr> <tr> <td>Apply AC</td> <td>1&amp;5</td> <td>1&amp;4</td> <td>1&amp;5</td> <td>1&amp;4</td> </tr> <tr> <td>Max Current / Fuse Rating</td> <td colspan="2">0.75A</td> <td colspan="2">0.375A</td> </tr> </tbody> </table> <p>NEG OUTPUT @ -5VDC @ 0.4A, JUMPER E1 &amp; E2 &amp; RESET R25</p>	For Use at	100VAC	120VAC	220VAC	230/240VAC	Jumper	1&3, 2&4	1&3, 2&4	2&3	2&3	Apply AC	1&5	1&4	1&5	1&4	Max Current / Fuse Rating	0.75A		0.375A	
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<p><b>VDC OUTPUT:</b></p> <ul style="list-style-type: none"> <li>5 VDC @ 2 AMP</li> <li>+/- 12 VDC @ 1 AMP</li> <li>+/-15 VDC @ 0.4 AMP</li> </ul>	<p><b>OVERVOLTAGE PROTECTION:</b></p> <ul style="list-style-type: none"> <li>PROVIDED ON 5 VDC OUTPUT. AVAILABLE ON THE 12/15 VDC OUTPUT WITH IOVP12 MODULE</li> </ul> <p><b>SHORT CIRCUIT PROECTION:</b></p> <ul style="list-style-type: none"> <li>AUTOMATIC FOLDBACK</li> </ul> <p><b>OVERLOAD PROTECTION:</b></p> <ul style="list-style-type: none"> <li>AUTOMATIC CURRENT LIMIT</li> </ul>																				
<p><b>LINE REGULATION:</b></p> <ul style="list-style-type: none"> <li>+/- 0.05% FOR A 10% LINE CHANGE</li> </ul>	<p><b>LOAD REGULATION:</b></p> <ul style="list-style-type: none"> <li>+/- 0.05% FOR A 50% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)</li> </ul>																				
<p><b>OUTPUT RIPPLE:</b> 5.0 mV PK-PK MAXIMUM</p>	<p><b>TRANSIENT RESPONSE:</b> &lt; 50 µsec per 50% LOAD CHANGE</p>																				
<p><b>TEMPERATURE RATINGS:</b></p> <ul style="list-style-type: none"> <li>OPERATING: 0°C TO 50°C FULL RATED DERATED LINEARLY TO 40% @ 70°C</li> <li>STORAGE: -40°C TO +85°C</li> </ul>	<p><b>TEMPERATURE COEFFICIENT:</b></p> <ul style="list-style-type: none"> <li>TYPICAL: 0.01%/DEGREE C</li> <li>MAXIMUM: 0.03%/DEGREE C</li> </ul>																				
<p><b>STABILITY:</b> +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP</p>	<p><b>EFFICIENCY (TYPICAL): 45%</b></p>																				
<p><b>VIBRATION:</b></p> <ul style="list-style-type: none"> <li>MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE I</li> <li>RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)</li> </ul>	<p><b>SHOCK:</b></p> <ul style="list-style-type: none"> <li>MIL-STD-810G, METHOD 516.6, PROCEDURE III</li> <li>OPERATING: 20 GPK</li> </ul>																				
<p><b>REMOTE SENSING:</b> PROVIDED</p>	<p><b>EMI/RFI:</b> INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.</p> <ul style="list-style-type: none"> <li>EMI: FCC CFR TITLE 47 PART 15 SUB-PART B</li> <li>RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY</li> </ul>																				

UL recognized for US and Canada – File#E133338/ CE Mark: LVD 92/59/EEC/ RoHs-5 Lead in Solder Exemption  
US and Canadian (Bi-National) standards: ANSI/UL 60950-1/-21; CAN/CSA C22.2 #60950-1/-21; IEC 60950-1

## CASE SIZE: AA

