



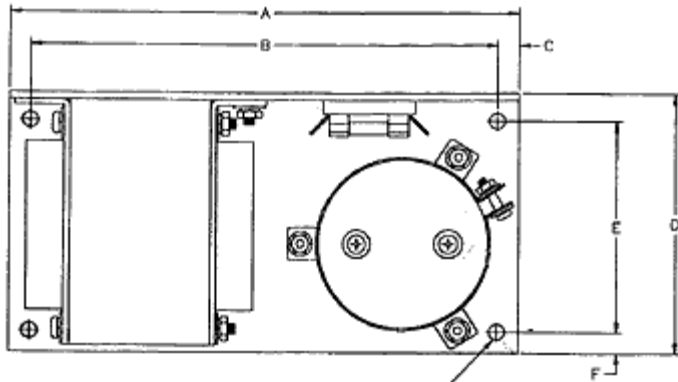
## SPECIFICATIONS: LINEAR POWER SUPPLY IP500U24 MADE IN THE U.S.A.

<p><b>VAC INPUT:</b></p> <ul style="list-style-type: none"> <li>120/240VAC, +/-10% (PRIMARY TAPS PROVIDED)</li> <li>FREQUENCY RANGE: 47-63HZ</li> </ul>	<p><b>VAC JUMPERING AND FUSING REQUIREMENTS:</b></p> <p style="text-align: center;">SILKSCREENED ON CHASSIS FOR TRANSFORMER PRIMARY TERMINALS</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr> <th>USE AT:</th> <th>108VAC</th> <th>120VAC</th> <th>132VAC</th> <th>216VAC</th> <th>240VAC</th> <th>264VAC</th> </tr> </thead> <tbody> <tr> <td>Jumper</td> <td>1&amp;5,2&amp;6</td> <td>1&amp;5,3&amp;7</td> <td>1&amp;5,4&amp;8</td> <td>2&amp;5</td> <td>3&amp;5</td> <td>4&amp;5</td> </tr> <tr> <td>Apply AC</td> <td>1&amp;2</td> <td>1&amp;3</td> <td>1&amp;4</td> <td>1&amp;6</td> <td>1&amp;7</td> <td>1&amp;8</td> </tr> <tr> <td>MaxCurrent/FuseRating</td> <td>8A</td> <td>8A</td> <td>8A</td> <td>4A</td> <td>4A</td> <td>4A</td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">CAUTION! NOT TO BE USED WITH IEC127 STYLE FUSE. USE ONLY AMERICAN AGC TYPE</p>	USE AT:	108VAC	120VAC	132VAC	216VAC	240VAC	264VAC	Jumper	1&5,2&6	1&5,3&7	1&5,4&8	2&5	3&5	4&5	Apply AC	1&2	1&3	1&4	1&6	1&7	1&8	MaxCurrent/FuseRating	8A	8A	8A	4A	4A	4A
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<p><b>UNREGULATED VDC OUT@NOMINAL LINE</b></p> <ul style="list-style-type: none"> <li>24.6 VDC @ 20 AMP (FULL LOAD)</li> <li>26.8 VDC @ HALF LOAD</li> <li>29.2 VDC @ 0 AMP</li> </ul> <p><b>DC CONNECTIONS:</b></p> <ul style="list-style-type: none"> <li>+OUT 0.250x0.032 FAST-ON AT FUSE BLOCK</li> <li>-OUT(DC-RETURN)10-32-SCREW/SOLDER TERMINAL AT MINUS SIDE OF THE CAPACITOR</li> </ul>	<p><b>EFFICIENCY (TYPICAL):</b></p> <ul style="list-style-type: none"> <li>75% TO 80% FULL LOAD</li> </ul> <p><b>SHORT CIRCUIT PROTECTION:</b></p> <ul style="list-style-type: none"> <li>OUTPUT FUSED @ 25 AMP</li> </ul>																												
<p><b>LINE REGULATION:</b></p> <ul style="list-style-type: none"> <li>EQUAL TO % LINE CHANGE</li> </ul>	<p><b>LOAD REGULATION @ NOMINAL LINE</b></p> <ul style="list-style-type: none"> <li>9% FOR A 50% TO 100% LOAD CHANGE (DERATE OUTPUT CURRENT 10% FOR 58 HZ OPERATION)</li> </ul>																												
<p><b>OUTPUT RIPPLE: 3.0 VDC PK-PK MAXIMUM</b></p>	<p><b>MTBF: 1,800,000 HRS. CALCULATED PER MIL-HDBK-217F/25°C/GROUND BENIGN</b></p>																												
<p><b>TEMPERATURE RATINGS:</b></p> <ul style="list-style-type: none"> <li>OPERATING: 0°C TO 55°C FULL RATED DERATED LINEARLY TO 40% @ 70°C</li> <li>STORAGE: -40°C TO +95°C</li> </ul>	<p><b>EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.</b></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>																												
<p><b>VIBRATION:</b></p> <ul style="list-style-type: none"> <li>MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1</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>																												

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: IP500U

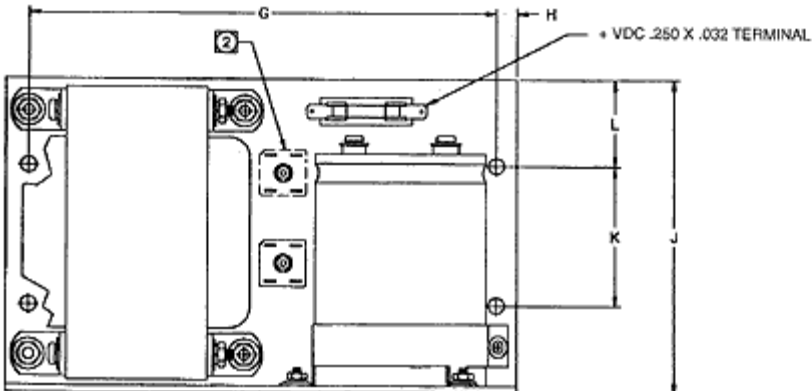


.281 DIA MTG HOLES (8X)

### IP500U Case

Overall Size: 9.00" x 5.62" x 4.62"  
228.60mm x 142.75mm x 117.35mm  
Weight 18 lbs.

Note:  
② Optional location for additional Rectifier



	INCH	mm
A	9.00	228.6
B	8.25	209.55
C	.37	9.40
D	4.62	117.35
E	3.750	95.25
F	.38	9.65
G	8.240	209.30
H	.35	8.89
J	5.62	142.75
K	2.500	63.50
L	1.56	39.62