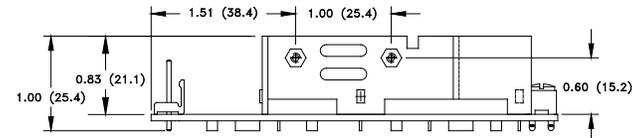
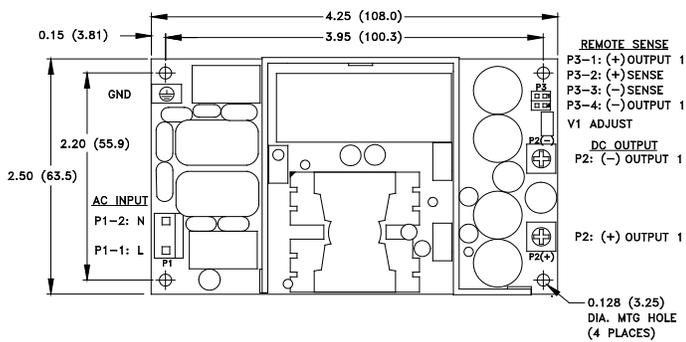
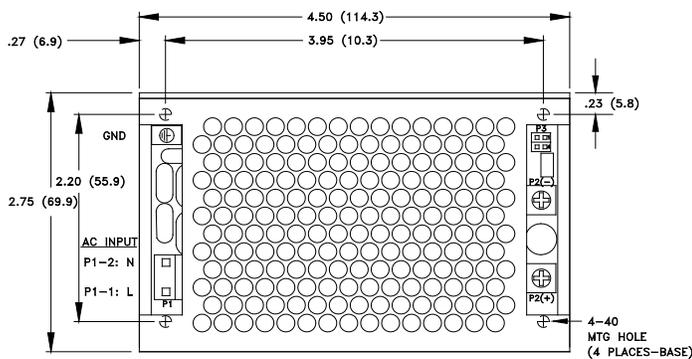
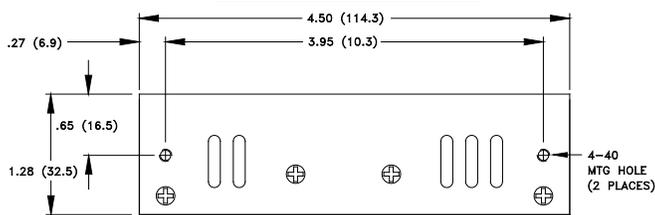


GRN-80 SINGLE MECHANICAL SPECIFICATIONS

OPEN FRAME



OPTIONAL CHASSIS/COVER



ALL DIMENSIONS IN INCHES (MM)

CONNECTOR SPECIFICATIONS

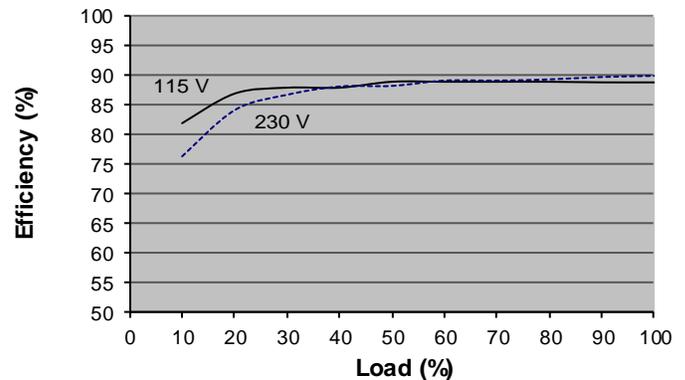
<p>P1</p> <p>NEUTRAL LINE</p>	<p>AC Input</p> <p>.156 friction lock header mates with Tyco 640250-3 or equivalent crimp terminal housing with Tyco 3-640706-1 or equivalent crimp terminal.</p>
<p>P2</p> <p>(+) OUTPUT (-) OUTPUT </p>	<p>DC Output</p> <p>6-32 screw down terminal mates with #6 ring tongue terminal (10in-lb Max.)</p>
<p>P3</p> <p>(-) SENSE 3 2 (+) SENSE (-) OUTPUT 4 1 (+) OUTPUT </p>	<p>Remote Sense</p> <p>.100 breakaway header mates with Molex 22-55-2041 or equivalent crimp terminal housing with Molex 71851 or equivalent crimp terminal.</p>
<p> </p>	<p>Ground</p> <p>.187 quick disconnect terminal</p>

APPLICATIONS INFORMATION

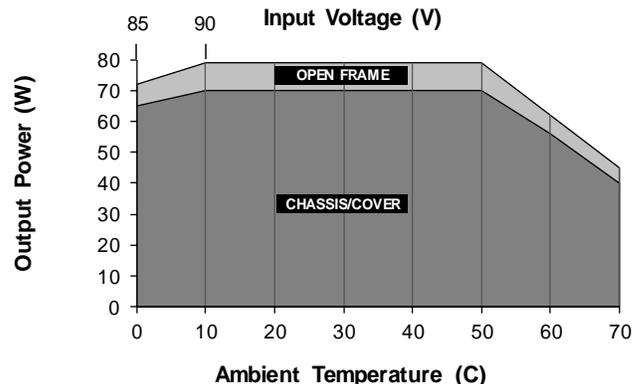
1. Continuous output power must not exceed 80W.
2. Sufficient area must be provided around power supply to allow natural movement of air to develop in convection cooled applications.
3. Generally, adequate cooling is provided when semiconductor case temperatures do not exceed 70° C rise and transformer temperature does not exceed 60° C rise at any specified ambient temperature.
4. This product is intended for use as a professionally installed component within information technology, industrial and medical equipment and is not intended for stand alone operation.
5. This product includes only one fuse in the input circuit. In consideration of clause 8.11.5 of IEC 60601-1-1:2005, a second fuse may be required in neutral conductor of the end product.
6. Peak to peak output ripple and noise is measured directly at the output terminals of the power supply, without the use of the probe ground lead or retractable tip, 20 MHz bandwidth.
7. This product was type tested and safety certified using the dielectric strength test voltages listed in Table 6 of IEC60601-1:2005. In consideration of clause 8.8.3, care must be taken to insure that the voltage applied to a reinforced insulation does not overstress different types and levels of insulation. Primary and secondary to ground capacitors may need to be disconnected prior to performing a dielectric strength type test on the power supply or the end product. It is highly recommended that the DC test voltage listed in DVB.1, annex DVB of UL60601-1 1ST Edition are not exceeded during a production-line dielectric strength test of the assembled end product. Please consult factory for further information.
8. This power supply has been safety approved and final tested using a DC dielectric strength test. Please consult factory before performing an AC dielectric strength test.
9. Maximum screw penetration into bottom chassis mounting holes is .100 inches.
10. Maximum screw penetration into side chassis mounting holes is .188 inches.
11. Common RF shielding precautions may need to be taken to assure emissions compliance. Refer to operating instructions for additional information.
12. To comply with emissions specifications, all four mounting hole pads must be electrically connected to a common metal chassis. Chassis/cover option is recommended.

TYPICAL EFFICIENCY VS. LOAD

(Model GRN-80-1004 Efficiency shown)



MAX P_{OUT} VS. AMBIENT TEMPERATURE/INPUT VOLTAGE



Derating requirements - Derate from 100% load at 50° C to 50% load at 70° C.
 - Derate from 100% load at 90 V_{IN} to 90% load at 85 V_{IN}.
 - Derate 10% with chassis and cover.