



electronicpowersolutions

80 Watt GRN Series, Open Frame / Cased, Single Output

- 1" High, Compact 2.5 x 4.25" Footprint
- Universal AC Input
- Industrial & Medical Approvals
- Optional Chassis / Cover
- High Efficiency – up to 89%
- <0.3Watt No Load Input Power
- 2 Year Warranty



Specification

Input Voltage..... 85~264 VAC, 47~63 Hz
 Output Voltage..... See table below for output options (+/-5% adjustment range)
 Output Power 80 Watts Maximum
 Over Load Protection..... 110% rated Pout min, cycle on/off, auto recovery
 Over Voltage Protection..... 110% and 150% of rated output voltage
 Hold Up Time..... 16 ms typical, full power, 115Vinput
 Efficiency..... 85-89% depending on model
 Operating Temperature..... 0 °C to +70 °C, see derating curve
 Storage Temperature..... -40 to +85 °C
 Isolation..... I/P-O/P: 4 kVAC,
 Humidity..... 20~90% relative humidity, non condensing
 EMC..... EN55011, EN55022, FCC Part 15, Class B
 EN61000-3,2,3, EN61000-4-2,3,4,5,6,8,11
 Safety Approvals..... EN 60950-1, EN 60601-1
 Dimensions 107.9(L) x 63.5(W) x 25.4(H) mm
 Optional Cover 114.3 x 69.9 x 32.5mm

Output Models

Model	Output Voltage	Output Current
GRN-80-1001	3.3 V	16 A
GRN-80-1002	5 V	16 A
GRN-80-1003	12 V	6.7 A
GRN-80-1004	15 V	5.3 A
GRN-80-1005	24 V	3.3 A
GRN-80-1006	28 V	2.9 A
GRN-80-1007	48 V	1.7 A

ALL PSU LTD

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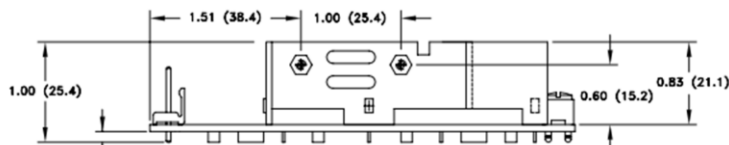
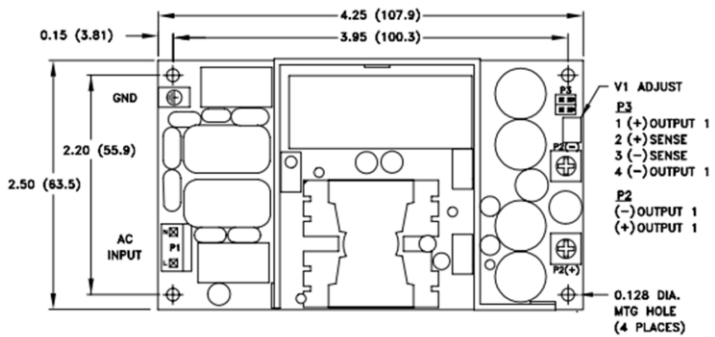


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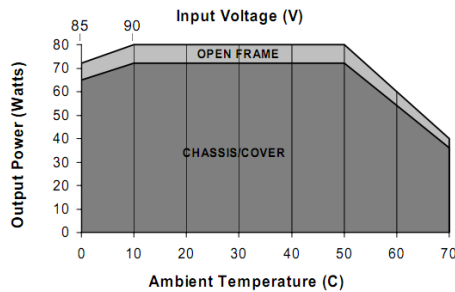
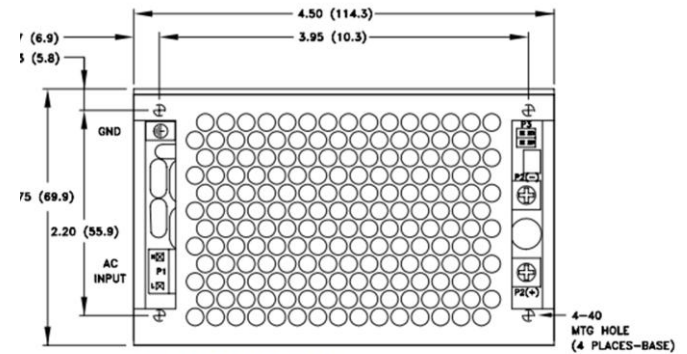
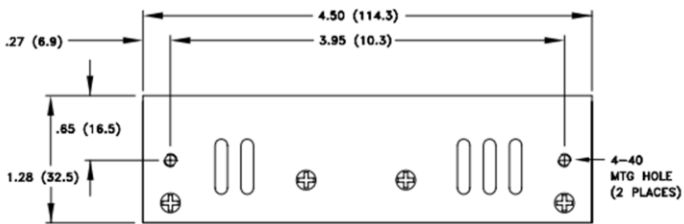
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Mechanical Drawings & Connection Details

OPEN FRAME



OPTIONAL CHASSIS/COVER



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.

Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions apply.

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