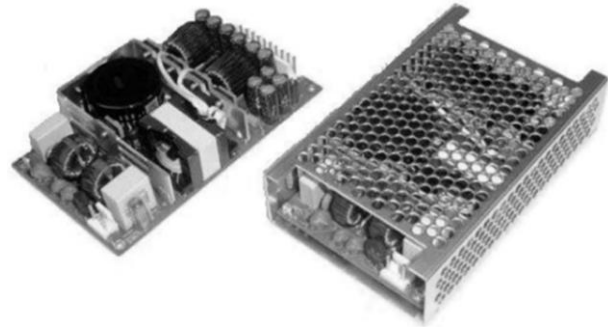




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## 80 Watt GRN Series, Open Frame / Cased, Multi Output

- 1" High, Compact 5 x 3" Footprint
- Universal AC Input
- Industrial & Medical Approvals
- Optional Chassis / Cover
- High Efficiency – up to 88%
- <1Watt No Load Input Power
- 2 Year Warranty



## Specification

Input Voltage..... 85~264 VAC, 47~63 Hz  
 Output Voltage..... See table below for output options  
 Output Power ..... 80 Watts Maximum from combined outputs  
 Over Load Protection..... 110% rated Pout min, cycle on/off, auto recovery  
 Over Voltage Protection..... Output 1 between 110% and 150% of rated output voltage  
 Hold Up Time..... 16 ms typical, full power, 115Vinput  
 Efficiency..... 83% at 33% Load to 88% peak  
 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 ..... 127(L) x 76.2(W) x 25.4(H) mm  
 Optional cover 133.4 x 82.6 x 32.5mm

### Output Models

Model	Output 1	Output 2	Output 3	Output 4
<a href="#">GRN-80-2001</a>	+5 V / 8 A	+24 V / 2 A		
<a href="#">GRN-80-2002</a>	+5 V / 8 A	+12 V / 4 A		
<a href="#">GRN-80-2003</a>	+12 V / 4 A	-12 V / 4 A		
<a href="#">GRN-80-2004</a>	+15 V / 3 A	-15 V / 3 A		
<a href="#">GRN-80-3001</a>	+5 V / 8 A		+12 V / 2 A	-12 V / 2 A
<a href="#">GRN-80-3002</a>	+5 V / 8 A		+15 V / 2 A	-15 V / 2 A
<a href="#">GRN-80-4001</a>	+3.3 V / 8 A	+5 V / 5 A	+12 V / 1.5 A	-12 V / 1.5 A
<a href="#">GRN-80-4002</a>	+5 V / 8 A	-5 V / 5 A	+12 V / 1.5 A	-12 V / 1.5 A
<a href="#">GRN-80-4003</a>	+5 V / 8 A	+24 V / 1 A	+12 V / 1.5 A	-12 V / 1.5 A
<a href="#">GRN-80-4004</a>	+5 V / 8 A	+24 V / 1 A	+15 V / 1.5 A	-15 V / 1.5 A

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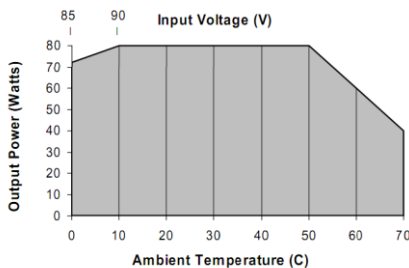
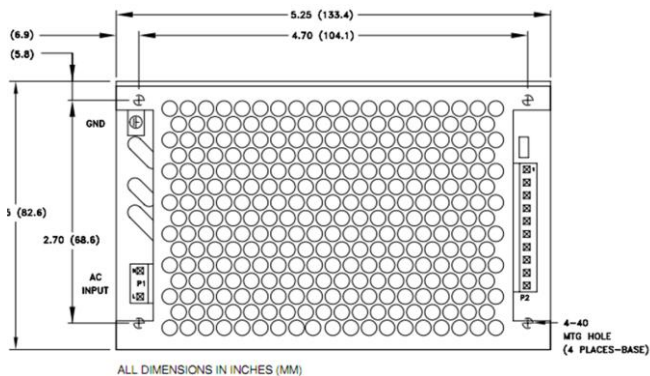
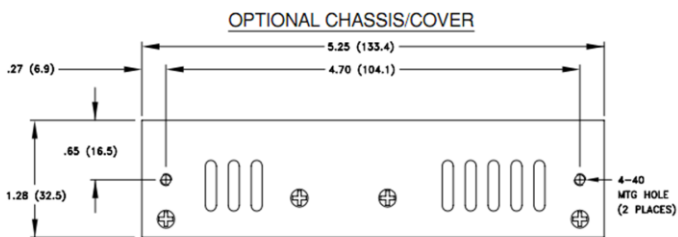
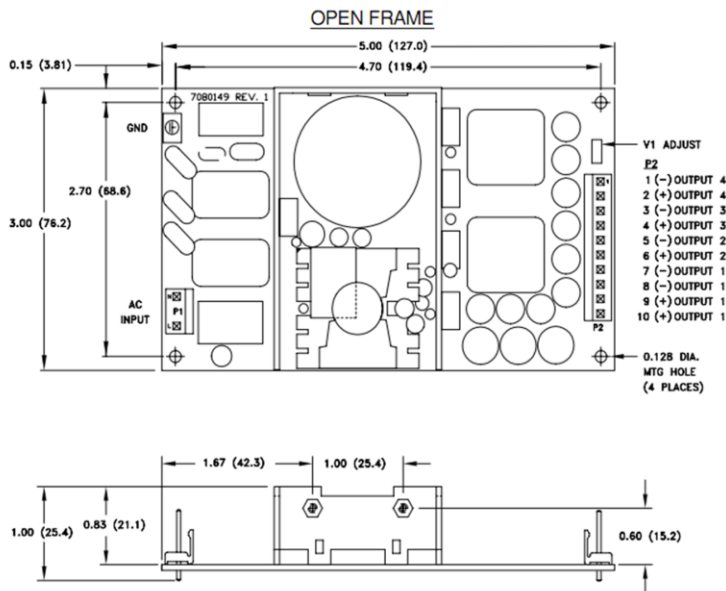
Unit D6 Laser Quay | Culpeper Close | Medway City Estate | Rochester | Kent |  
 ME2 4HU Tel : 01634 725527 | Fax : 01634 739111  
 Email : [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk) | Web : [www.allpsu.co.uk](http://www.allpsu.co.uk)



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# 80 Watt GRN Series, Open Frame / Cased, Multi Output

## Mechanical Drawings & Connection Details



Derating requirements - Derate from 100% load at 50° C to 50% load at 70° C.  
 - Derate from 100% load at 90 V<sub>IN</sub> to 90% load at 85 V<sub>IN</sub>.

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

### ALL PSU LTD

Unit D6 Laser Quay | Culpeper Close | Medway City Estate | Rochester | Kent |  
 ME2 4HU Tel : 01634 725527 | Fax : 01634 739111  
 Email : [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk) | Web : [www.allpsu.co.uk](http://www.allpsu.co.uk)