



# Technical Data and Instructions

## UPS Power Supplies

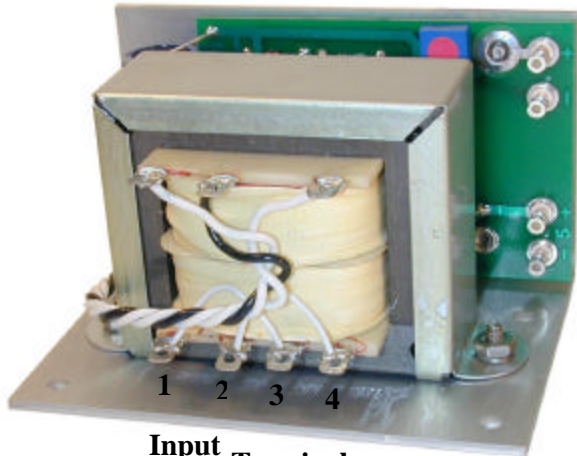
The UPS power supplies accept 110 or 220 Vac input and provides the logic and printhead voltages needed for operation of all B-G Instruments printer control boards and print mechanisms. UPS power supplies can be set up to operate from 12 to 24 VDC per customer requirements.

### Features:

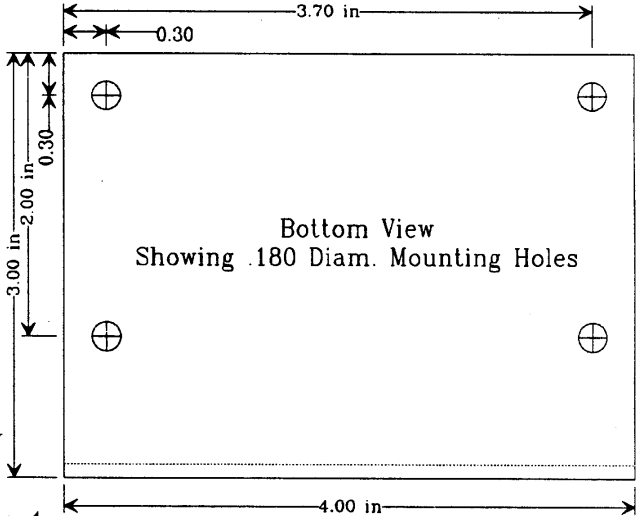
- 5 volts +/- 6% output @ 300 mA continuous
- Printhead voltage is inhibited if 5 V not present.
- 5 V output is overvoltage and short circuit protected.
- **Sample Drive Voltages**
- 16 volts, adjustable +/- 15 %, 4 A max @ 50 % duty (or 16Va 4A, or 18V @ 3.5A)
- 18 volts, adjustable +/- 15 %, 3.5 A max @ 50 % duty (or 16Va 4A, or 18V @ 3.5A)
- 20 volts, adjustable +/- 15 %, 3 A max @ 50 % duty (or 16Va 4A, or 18V @ 3.5A)



For 110 Vac input, terminals 1 to 3 and 2 to 4 are jumpered, as shown, and the input is applied between terminals 1 and 2. For 220 Vac input, just one jumper is used, between terminals 2 and 3, and the input is applied between 1 and 4. The recommended fuse is 1 ampere fast blow.



Input Terminals



Output Terminals

+ 20V  
-  
+ 5V  
-

Size: 2.4 H x 4.0 W x 3.0 H, in inches  
Weight: 2 pounds

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