

UltraVolt
Regulated High Voltage Power Supply
MODELS 1/8A TO 6A ILLUSTRATED

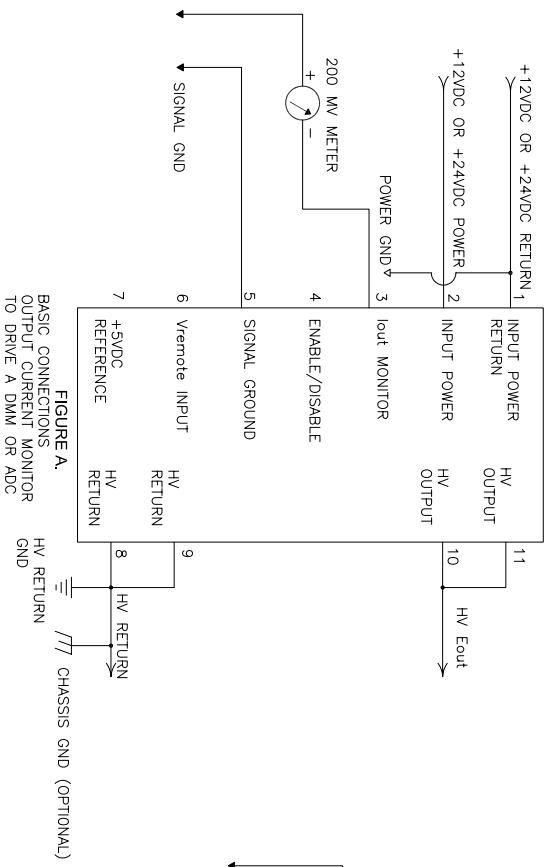


FIGURE A.
BASIC CONNECTIONS
OUTPUT CURRENT MONITOR
TO DRIVE A DMM OR ADC

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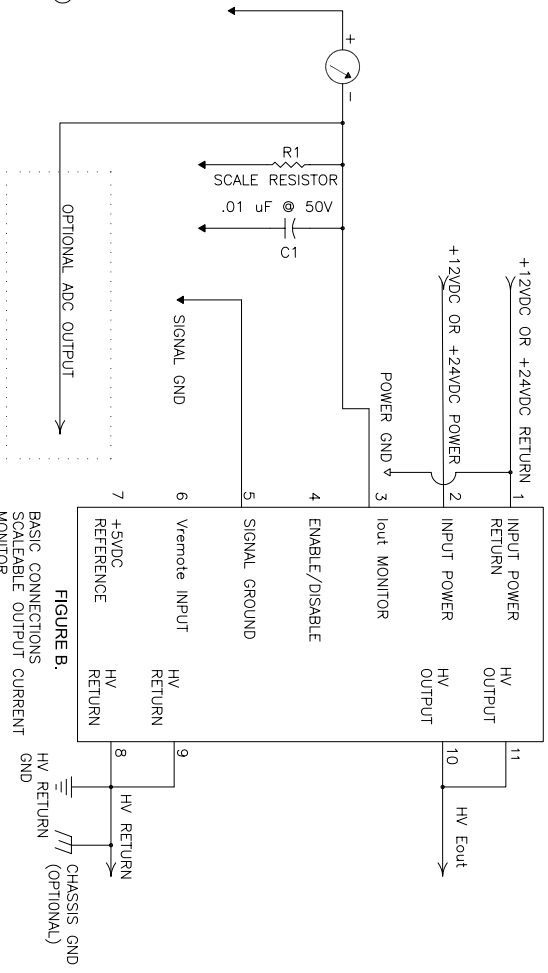


FIGURE B.
BASIC CONNECTIONS
SCALEABLE OUTPUT CURRENT
MONITOR
TO DRIVE A DMM OR ADC

OPTIONAL INVERTER FOR UNIPOLAR CIRCUITS / ADC's (BI-POLAR OP AMP REQUIRED)

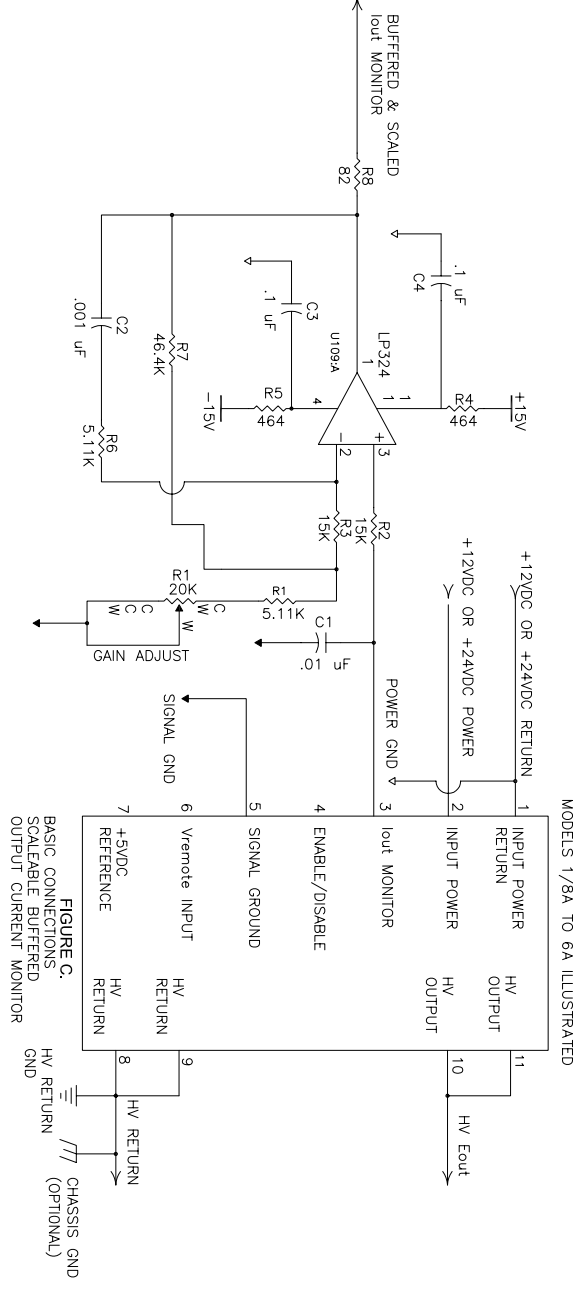
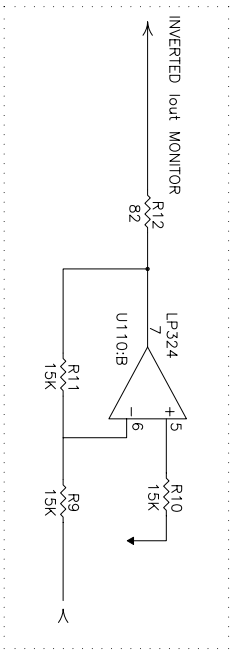


FIGURE C.
BASIC CONNECTIONS
SCALEABLE BUFFERED
OUTPUT CURRENT MONITOR

UltraVolt, Inc.
1800 Ocean Ave. Frnt
Ronkonkoma, NY 11779
1-631-471-4444

NOTES: REFER TO UV APPLICATION NOTES FOR MORE DETAILED INFORMATION
UV HVPS POWER INPUT SHOULD NOT EXCEED +32VDC.
A 0.1uF TO 1.0 uF CAPACITOR CAN BE ADDED FROM I OUT MONITOR
TO SIGNAL GROUND AND INTEGRATE THE SIGNAL.
THE I OUT MONITOR SIGNAL IS - FOR A + UNIT & + FOR A - UNIT.

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Size	Number	Rev.
A	UV-HVPS-CONN-4	E1
Date	4/28/00	Drawn By
Filename	UV-HVPS-CONN-4_revE1.dwg	Sheet
		1 Of 1

TYPICAL HVPS CONNECTIONS - Iout MONITOR