



MODEL EEL1102.05

HIGH VOLTAGE AMPLIFIER SPECIFICATION SHEET

VOLTAGE:	+/-11kVDC or peak AC
ACCURACY:	0.5% of F.S.
NOISE:	<900mVrms
OFFSET:	<2VDC OFFSET
CURRENT:	+/-5mA
POWER RATING:	55W
SLEW RATE:	>170 V/us
LARGE SIGNAL BANDWIDTH:	>5kHz No load -3db
SMALL SIGNAL BANDWIDTH:	>50kHz No load -3db
INPUT:	+/- 11VDC or peak AC
INPUT GAIN:	1V = 1000V
HIGH VOLTAGE ENABLE:	TTL, Open Collector
VOLTAGE MONITOR:	1000:1 (1V represents 1000V)
ACCURACY:	0.1% of Full Scale
CURRENT MONITOR:	1V = 500uA
ACCURACY:	1% of Full Scale
DYNAMIC ADJUSTMENT:	1 Turn potentiometer
VOLTAGE MONITOR CONNECTOR:	BNC
CURRENT MONITOR CONNECTOR:	BNC
INPUT CONNECTOR:	BNC



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HIGH VOLTAGE AMPLIFIER SPECIFICATION SHEET(CONT)

HV ENABLE CONNECTOR:	BNC with shorting plug
HV ON INDICATOR:	RED LED
HV OFF INDICATOR:	GREEN LED
THERMAL LIMIT INDICATOR:	RED LED
CURRENT LIMIT:	YELLOW LED
OUT OF REGULATION:	YELLOW LED
FAN FAULT:	RED LED
DISPLAY:	LCD, 38mm (1.50") X 70mm (2.75")
CONTROL SWITCHES:	PUSH BUTTON MOMENTARY
HV OUTPUT CONNECTOR:	ALDEN, A400QX
DIGITAL INTERFACE:	USB B
ENCLOSURE SIZE:	85mm (3.34") H X 432mm (17.0") W X 381mm (15") D
ITEMS INCLUDED:	Line cord, Manual, HV Output Cable, USB Cable