

HIGH VOLTAGE UNIT

SALIENT FEATURES

- Electronically regulated
- Good line and load regulation
- Over load and short circuit protection
- Smooth variation by ten turn helipot giving high resolution at any setting
- Continuously variable from 0 to 2500V
- Compatible with EC standard nuclear modular instruments
- Latest IC technology

INTRODUCTION

PLA High Voltage Unit Type HV-207 is regulated power supply providing a continuous adjustable voltage from 0 to 2500 volts and a maximum current capacity of one milli ampere.

PLA HV-207 output is available either with +ve polarity only or HV 208 with -ve polarity only.

PLA HV-207 is primarily designed to power photo multiplier tubes, ionization chambers and GM counters. It comes as a part of PLA nuclear systems and is compatible with Indian EC standard nuclear modular instruments.

TECHNICAL SPECIFICATIONS

OUTPUT VOLTAGE	: 0 to 2500 variable with ten turn helipot
OUTPUT POLARITY	: Positive (See option)
OUTPUT CURRENT	: 1mA max.
LOAD REGULATION	: Better than 0.01% from no load to full load
OUTPUT RIPPLE	: Better than 35mV peak to peak
CALIBRATION ACCURACY	: 1%
TEMP. COEFFICIENT	: Better than 100 PPM/°C
POWER REQUIREMENT	: 80mA at 230V AC
DIMENSIONS	: Two width standard module
CONNECTOR	: 24 Pin amphenol(or equiv.) standard connector for Indian EC standard BIN
OPTIONS	: PLA HV-208 is available with only -ve polarity with all specifications otherwise same as HV-207

NOTE

This module is also available with 42 pin connector & suitable for international NIM BIN.

CAT. NO.: HV-207/0700

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