

215 High Voltage Power Supply Module Brochure



Overview

The 215 high voltage supply module offers a convenient and extremely stable high voltage supply for use with detectors operating in the photo emissive (photomultipliers) and photoconductive (lead sulphide and lead selenide) modes. Designed for dedicated applications, the 215 maintains an exceptional degree of output stabilisation despite variations in temperature, mains voltage or whilst the supply is loaded and current drawn. Housed in the 417 unit, the 215 front panel permits setting and switching of the high voltage. The output voltage may be monitored via the display featured on the 417 unit. External control and switching with a micro-switch in safety interlock systems can also be implemented by application of a DC voltage.

Core benefits

- ✓ Single voltage supply for photo emissive and photoconductive detectors
- ✓ Excellent stability
- ✓ Worry-free operation
- ✓ Flexible control options

Features

- ◆ Single width module housed within the 417/417T Unit
- ◆ Continuously variable -300V to -1500V
- ◆ Local or remote control
- ◆ Fully short-circuit protected
- ◆ Designed for use with photomultiplier, lead sulphide and lead selenide detectors

215 High Voltage Power Supply Module Specifications

		215 High Voltage Power Supply Module
Electrical	Model	
	Output Voltage Range	-350 to -1500V
	Maximum Current	1.5A
	Temperature stability	100 ppm/°C
	Stability to voltage fluctuations	25ppm for 10% change in line voltage
	Ripple & Noise	100ppm peak-peak
Interface, Mechanical	Control	Front panel/ remote via 3.5mm jack socket
	Front Panel Controlled Features	High voltage set, power on/off
	Dimensions	Single width module, 3U high
	Connector	HV BNC
	Display	Digital display of 417-unit, channel HV



Models

215	High voltage supply module (single output)
215D	High voltage supply module (dual output)

Ordering Information

S200_215	High voltage supply module (single output)
S200_215D	High voltage supply module (dual output)