

APV3302G / APV3302S

This is a VME standard high voltage power supply (HV: High Voltage) board with up to two independent output controls. Each output terminal is equipped with an independent bias shutdown function. The output voltage can be controlled via network remote control using the included application. The maximum rated voltage (current) for the high voltage power supply is available in two types:

- G type: ±5000V (0.67mA)
- S type: ±4000V (1mA)

This power supply is ideal for high performance, low ripple, network-controlled distributed and multi-output remote control.

Note: VME bus is not supported.

Features

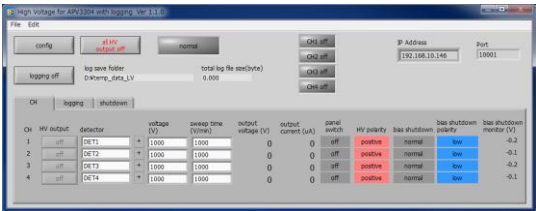
APV3302G	For high voltage applications such as Ge semiconductor detectors.
APV3302S	For applications requiring current, such as scintillation detectors using photomultiplier tubes (PMT).

Specifications

Output Connector	SHV Connector Independent 2 systems
Output Voltage Output Current	APV3302G Maximum Rated Voltage: 5000V (Max.) Maximum Current: 0.67mA (Max.) APV3302S Maximum Rated Voltage 4000V (Max.) Maximum Current: 1mA (Max.)
Polarity	Depending on your order
Ripple	5mVp-p
Lamp Control	Set the voltage rise/fall rate (V/min) per minute from the included application.
Output LED	During Output: Green
Emergency Stop Button	Long press to force output OFF via hardware lamp control
External Control	Bias Shutdown Input
Output Voltage Limit	Rotary switch for maximum output voltage limit 0:OFF, 1:10% of rated output, 2:20% - 9:90%, 10 and above:100%
Communication	Ethernet, TCP/IP
Power Consumption	+5V(Maximum 1.0A), +12V(Maximum 0.96A), -12V(Maximum 0.1A), from VME Power Crate
Dimension · Weight	40(W)x262(H)x187(D) mm *excluding protrusions Approximately 650g
Application	Independent voltage/lamp control for each output terminal



APV3302S



Application

