

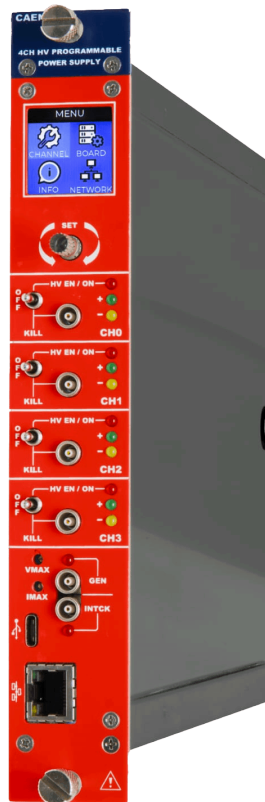
Coming Soon

**N2470**

**4 Channel  $\pm 8$  kV / 3  
mA HV Power  
Supply with  
Software-Selectable  
Polarity**



## Features



- 4 independent HV channels in a compact 1U NIM module
- Up to  $\pm 8$  kV, 3 mA (12 W per channel) with selectable polarity
- Low ripple, high stability, and common floating return
- Full protections and interlock logic for safe operation
- USB-C/Ethernet remote control with monitoring and management software

## Description

The **CAEN Mod. N2470** is a single-width NIM module providing **four independent high-voltage channels**. Each channel delivers up to  **$\pm 8$  kV output voltage**, with a **maximum current of 3 mA** and **maximum power of 12 W**.

Thanks to its **ARM-based architecture**, the module offers advanced channel management features, including **software-controlled polarity reversal**. All channels share a **common floating return**, fully insulated from the crate ground, while high-voltage outputs are available via **SHV connectors**.

**Ramp-up and ramp-down rates** are independently programmable for each channel from **1 to 500 V/s**, with **1 V/s resolution**. The module provides **5 nA Iset/Imon resolution** and includes a  **$\times 10$  Imon zoom function**, enabling **current monitoring down to 500 pA precision**.

Local control is available through a **LCD display** featuring a redesigned, intuitive user interface, while remote operation is supported via **USB 2.0 (Type-C)** and **Ethernet**.

## Ordering Options

Code	Description	
WN2470X08AAC	N2470 - 4 Ch NIM Reversible HV Power Supply ( $\pm 8\text{kV}$ , 3mA, 5nA res.)	RoHS

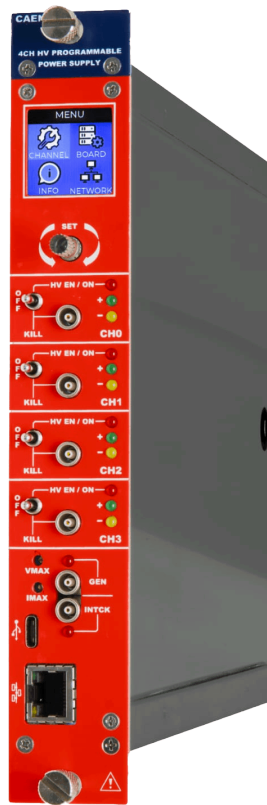
## Related Products

### N2470ET



4 Channel  $\pm 8$  kV / 3 mA HV Power Supply with Software-Selectable Polarity

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