NIM8306

2 Slot Switching 750 W Mini Crate

NIM Mini	2	170 mm
Package	No. of Slots	Width

The NIM8306 is a compact, air-cooled 2-slot NIM crate with a 750 W switching power supply for small experiments, laboratories and universities. It delivers 12 A at ±6 V, 12 A at ±12 V and 6 A at ±24 V through long-life NIM connectors. The unit accepts 100 Vac to 240 Vac, 50 ÷ 60 Hz input and features active PFC, extra-low-noise operation, ON/OFF control, power-good and stand-by LEDs, and short-circuit, overvoltage, undervoltage and overtemperature protection. Its dimensions are 170 x 310 x 125 mm3 (WxHxD) and weight is 5 kg.

Overview

Product Highlights

- Cost effective, compact solution
- 2 air cooled NIM slots
- Portable: 170 x 310 x 125 mm^3 (WxHxD); 5 kg weight
- Wide AC input voltage range: 100 Vac to 240 Vac
- Extra low noise switching power supply
- Power good and stand-by leds
- 12 A @ ±6 V, 12A @ ±12 V and 6 A @ ±24 V output
- Ideal for small experiments, laboratories and universities
- Equipped with long-life NIM connectors
- Active PFC
- ON/OFF switch
- Short circuit protection

Product Description

The **CAEN Mod. NIM8306** is a 2 slot NIM crate with switching power supplies; the unit is provided with three ventilation fans.
The NIM8306 delivers 12A @ ±6V, 12A @ ±12V and 6A @ ±24V.
Safety features include: short circuit protection, Over / Under voltage protection, Over temperature protection.
The Unit is powered by 100 ÷240 Vac, 50 ÷ 60 Hz, power factor 0.98% (230VAC).

AT A GLANCE	
Package	**NIM Mini**
No. of Slots	**2**
Width	**170 mm**
Height	**124 mm**
Backplane connectors	**NIM**
Pluggable power supply	**No**

 — © 2026 CAEN S.p.A. All rights reserved. Specifications are subject to change without notice.

Ordering Information

ORDERING CODE	DESCRIPTION
WNIM8306XAAA	NIM8306 – NIM crate, 2 slot, Switching PS (±6V 12A, ±12V 12A, ±24V 6A)

1. Ordering codes and descriptions are reproduced from the product record. Availability is confirmed at order entry.

Related Products

NIM8305 — 2 Slot Switching 450 W Mini Crate

CAEN S.p.A. · Via Vetraia 11, 55049 Viareggio (LU) Italy · www.caen.it — © 2026 CAEN S.p.A. All rights reserved. Specifications are subject to change without notice.