

Powered Crate products

CAEN Short Form Catalog 2007



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VME	VME8002	VME64 9 Slot 6U Mini Crate - 350 W Pluggable Power Supply	73 NEW
VME	VME8010	VME64 21 Slot 7U (6+1) Low Cost Crate - 470 W	73 NEW
VME	VME8011	VME64 21 Slot 7U (6+1) Low Cost Crate - 470 W Pluggable Power Supply	73 NEW
VME	VME8100	VME(64/64x/430) 21 Slot 8U (6+2) Crate Series - Configurable Power Supply	74 NEW
NIM	NIM8302/150W	NIM 10 slot 5U Crate - 150 W Pluggable Power Supply	75 NEW
NIM	NIM8301/300W	NIM 12 slot 7U (5+2) Crate - 300 W Pluggable Power Supply	75 NEW
NIM	NIM8301/600W	NIM 12 slot 7U (5+2) Crate - 600 W Pluggable Power Supply	75 NEW

VME8000 and VME8100 Crate Series

The VME8000 and VME8100 crate series consist of a VME mechanics both having flexible and pluggable Power Supply. A wide choice of options is available for building a small and flexible setup for all type of measurements. Thanks to the low noise Power Supply they are suitable both to analogue and digital electronics.

VME8002 VME64 9 Slot 6U Mini Crate

NEW


Highlights

- > 19" x 5U enclosure
- > 9 slot for 6U x 160mm VME modules
- > Pluggable 350W Power Supply
- > VME64 J1/J2 monolithic backplane
- > Short circuit protection
- > Over / Undervoltage protection
- > Over temperature protection
- > Remote control via CANBUS
- > Powered by 220 VAC or 115 VAC, 50-60 Hz
- > CBLT cycles supported

Overview

The Model VME8002 is a 9 slot VME crate, suitable for 6U x 160mm boards, with VME64 compliant backplane. The Unit is powered by 220 VAC or 115 VAC, 50-60 Hz. The crate is remotely controlled via CANBUS. The power distribution is +5V@30A, ±12V@8.5A.

Ordering options

Code	Description	
WV8002VME000	VME8002 - 6U VME64 9 Slot 6U Mini Crate - 350 W Pluggable Power Supply	NEW

VME8010 - VME8011 VME64 21 Slot 7U (6+1) Crates

NEW


Highlights

- > Low cost compact solution
- > 19" x 7U (6+1) enclosure
- > 21 slot for 6U x 160mm VME modules
- > 470W Power Supply
- > Pluggable Power Supply (VME8011 version)
- > VME64 J1/J2 monolithic backplane
- > Short circuit protection
- > Over / Undervoltage protection
- > Over temperature protection
- > 1U space for Fan Unit
- > Powered by 100÷230 VAC, 50 ÷ 60 Hz
- > CBLT cycles supported

Overview

The Model VME8010 and VME8011 are 21 slot VME crates, suitable for 6U x160mm boards, with VME64 compliant backplane. A 1U space is reserved for Fan Unit.

The Unit is powered by 100÷230 VAC, 50 ÷ 60 Hz. The Mod. VME8011 has a pluggable Power Supply.

The power distribution is +5V@60A, -12V@6 A, +12V@8.9A.

Ordering options

Code	Description	
WV8010VME000	VME8010 - 7U (6+1) VME64 Low Cost 21 Slot Crate - 470 W	NEW
WV8011VME000	VME8011 - 7U (6+1) VME64 Low Cost 21 Slot Crate - 470 W Pluggable Power Supply	NEW
WV8011PSAAAA	V8011/PS - Pluggable Power Supply (+5V@60A, -12V@6 A, +12V@8.9A)	NEW

VME8100

VME(64/64X/430) 21 Slot 8U (6+2) Crate Series

NEW**Highlights**

- ...> 19" x 8U (6+2) enclosure
- ...> 21 slot for 6U x 160mm VME modules
- ...> Pluggable Power Supplies
- ...> Available with VME64, VME64X and VME430 compliant monolithic backplane
- ...> Pluggable 2U Fan Unit
- ...> Short circuit protection
- ...> Over / Undervoltage protection
- ...> Over temperature protection
- ...> Optionally available with CAN-bus or Ethernet interface for remote monitoring and control

Overview

The CAEN VME8100 crate series combines superior mechanical quality with lowest noise power supply technology. Microprocessor controlled power supplies and fan units are provided in order to guarantee the highest reliability. Three versions are available, with either standard, VME64, VME64X or VME430 backplanes.

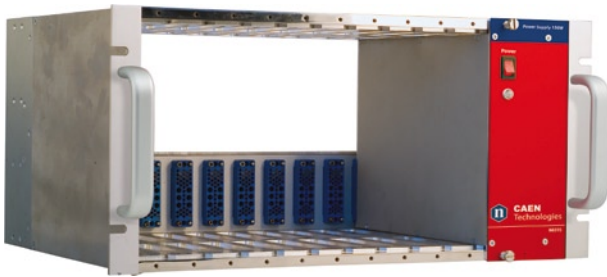
Ordering options

Code	Description	
WV8100VME000	VME8100 - 8U (6+2) VME64 21 Slot Crate	NEW
WV8100MAAAAA	V8100/M - Mechanics With J1/J2 Monolithic Backplane	NEW
WV8101AAAAAA	V8101 - Pluggable Power Supply (5V@110A; ±12V@20A)	NEW
WV8101AAAAAA	V8160 - Pluggable 2U Fan Unit	NEW
WV8100VME430	VME8100/V430 - 8U (6+2) VME430 21 Slot Crate	NEW
WV8100V430MA	V8100/V430/M - Mechanics With J1/JAux/J2 Monolithic Backplane	NEW
WV8101V430AA	V8101/V430 - Pluggable Power Supply (5V@110A; ±12V@20A; -5.2V@110A; -2V@110A; ±15V@20A) Max 2500W EU; Max 1500W USA	NEW
WV8100VME64X	VME8100/64X - 8U (6+2) VME64X 21 Slot Crate	NEW
WV8100V64XMA	V8100/64X/M - Mechanics With J1/J0/J2 Monolithic Backplane	NEW
WV810164XAAA	V8101/64X - Pluggable Power Supply (5V@110A; ±12v@20A; +3.3V@110A)	NEW
WA8120AAAAAA	A8120 - Extra Power Supply (5V@110A)	NEW
WA8121AAAAAA	A8121 - Extra Power Supply (-5.2V@110A)	NEW
WA8122AAAAAA	A8122 - Extra Power Supply (-2V@110A)	NEW
WA8123AAAAAA	A8123 - Extra Power Supply (3.3V@110A)	NEW
WA8140AAAAAA	A8140 - Extra Power Supply (±12v@20A)	NEW
WA8141AAAAAA	A8141 - Extra Power Supply (±15v@20A)	NEW

NIM8300 Crate Series

The NIM8300 crate series, consists of a NIM mechanics and a pluggable power supply (150W, 300W and 600W available). NIM standard, despite of its age, is still a great choice for building a small and flexible setup for high resolution measurements with analogue electronics such as amplifiers, ADCs, timing and logic units and also LV/HV power supplies.

NIM8302/150W 5U NIM Crate

NEW


Highlights

- > Low cost compact solution
- > 19" x 5U enclosure
- > 10 NIM slot
- > Pluggable 150W Linear Power Supply
- > Equipped with long-life NIM connectors
- > Short circuit protection
- > Over / Undervoltage protection
- > Over temperature protection

Overview

The CAEN Mod. NIM8302/150W is a compact (10 slot free) non ventilated 5U full size NIM crate (19"), provided with a pluggable 150W power supply.

NIM8301/300W NIM8301/600W

7U (5+2) NIM Crate; 300Watt & 600Watt

NEW


Highlights

- > 19" x 7U (5+2) enclosure
- > 12 NIM slot
- > Pluggable Linear Power Supplies
- > Alloy card guide structure
- > Equipped with long-life NIM connectors
- > Pluggable 2U Fan Unit
- > Short circuit protection
- > Over / Undervoltage protection
- > Over temperature protection

Overview

The CAEN Mod. NIM8301/300W and NIM8301/600W are 7U (5+2) full size NIM crates (19"), available with both pluggable 300W and 600W power supplies. The units are ventilated with pluggable 2U fan unit. Their features include protection against short circuit, Over / Undervoltage and over temperature.

Ordering options NIM8300 Crate Series

Code	Description	
WNIM8301300W	NIM8301/300W - 7U (5+2) NIM Crate - 300 W Pluggable Power Supply	NEW
WNIM8301600W	NIM8301/600W - 7U (5+2) NIM Crate - 600 W Pluggable Power Supply	NEW
WN8301MAAAAA	N8301/M - Mechanics	NEW
WN8301FAAAAA	N8301/F - Pluggable 2U Fan Unit	NEW
WNIM8302150W	NIM8302/150W - 5U NIM Crate	NEW
WN8302MAAAAA	N8302/M - Mechanics	NEW
WN8315WAAAAA	N8315 - Pluggable Linear Power Supply (±6V@5A; ±12V@3A; ±24V@1,5A)	NEW
WN8330WAAAAA	N8330 - Pluggable Linear Power Supply (±6V@17A; ±12V@3,4A; ±24V@3,4A)	NEW
WN8360WAAAAA	N8360 - Pluggable Linear Power Supply (±6V@17A; ±12V@8A; ±24V@8A)	NEW