

SECURITY MANAGEMENT SYSTEM (SMS)

ENCL-WV8/ENCL-WV16 Pre-Wired Custom Enclosures Vanderbilt Footprint



Overview

Vanderbilt Pre-Wired Custom Enclosures are designed to help maintain consistency throughout installations. Each enclosure comes pre-wired and pre-tested with dual voltage power and battery backup included. Save time during installation and maintenance with these all-in-one boxes. Identical layout and configuration throughout a facility will aid installers in providing swift service.

Lock control module provides eight/sixteen access control inputs capable of voltage or dry contact activation, and eight/sixteen outputs programmable for failsafe or failsecure operation at either 12 or 24VDC, controlled by the integrated fire alarm interface circuit on the power supply.

Auxiliary module provides sixteen/thirty-two class II outputs with each output configurable for 12 or 24VDC operation.

Enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

For use with Vanderbilt SMS Access Control System and specified Vanderbilt hardware panels.

Powered by LifeSafety.



✓ KEY FEATURES

- Pre-wired and pre-tested enclosures
- Power locks (max 24VDC), read-heads, PIR motion detectors, local annunciators and on-board components
- Design allows for easy replacement of all components
- Significantly reduces manpower requirements during installation
- Decreases disruption in a client's daily business
- Panel placement and wiring allow for consistent installations
- On board Fire Alarm Interface
- Automatic switchover to standby battery if AC fails
- Each door has tamper protection



✓ ENCL-WV8

Pre-wired Enclosure for Vanderbilt Panels - 8 Doors

- Vanderbilt pre-wired custom enclosure for power and data. Dual voltage 6A/12VDC for access control system power and 6A/24VDC for lock power and peripherals.
- (8) relay lock outputs with FAI control; each output selectable for 12VDC or 24VDC.
- (8) auxiliary outputs for the installer – PTC protected, Class 2 power limited; each output selectable for 12VDC or 24VDC. (8) auxiliary outputs for powering the Vanderbilt boards, Class 2 power limited, preset for 12VDC.
- Painted steel with removable backplate; includes lock, two (2) keys and tamper switch and (2) 12VDC 7Ah backup batteries.
- Available slots for (1) Vanderbilt VSRC-A Controller and (8) VRINX Reader Interfaces (panels sold separately).
- Size: 30H x 23W x 6.5D in. | Weight: 60 lbs. without panels. UL Listed. Powered by LifeSafety.

✓ ENCL-WV16

Pre-wired Enclosure for Vanderbilt Panels - 16 Doors

- Vanderbilt pre-wired custom enclosure for power and data. Dual voltage 12A/12VDC for access control system power and 10A/24VDC for lock power and peripherals.
- (16) relay lock outputs with FAI control; each output selectable for 12VDC or 24VDC.
- (16) auxiliary outputs for the installer – PTC protected, Class 2 power limited; each output selectable for 12VDC or 24VDC. (16) auxiliary outputs for powering the Vanderbilt boards, Class 2 power limited, preset for 12V.
- Painted steel with removable backplate; includes lock, two (2) keys and tamper switch and (3) 12VDC 7Ah backup batteries.
- Available slots for (1) Vanderbilt VSRC-A Controller, (16) VRINX Reader Interfaces and (2) VIONX-8 Input/Output Boards (panels sold separately).
- Size: 30H x 23W x 6.5D in. | Weight: 60 lbs. without panels. UL Listed. Powered by LifeSafety.

✓ E4-3BS1-VB

Battery Enclosure

- Enclosure provides additional space for backup battery sets; (3) 4" shelves.
- Black powdercoat finish. Includes lockset and tamper switch. Batteries not included.
- Size: 24H x 20W x 4.5D in. (61 x 50 x 11.50 cm) Weight: 25 lbs.

Specifications

Input Power	Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	Outputs: Continuous (DC1) Resettable (DC2)
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 80Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
Visual Indicators	AC input, DC1 and DC2 output System fault, AC fault, short to earth ground, reverse battery polarity Fire Alarm Input activated
Regulatory Compliance	UL294, UL603, UL1076, ULC S318, ULC S319
Mercury/LSP	CSA C22.2 #107.1, CSA 22.2 #60950
Joint Listing	CSFM / FCC Part 15, Subpart B, CE
Enclosure Dimensions	Size: 24.00H x 20.00W x 4.50D in. (61.00 x 50.00 x 11.50 cm)
Access Panel Mounting	VSRC-A, VRINX, VIONX-8

Ordering Information

ENCL-WV8	Pre-wired Enclosure for Vanderbilt Panels - 8 Doors
ENCL-WV16	Pre-wired Enclosure for Vanderbilt Panels - 16 Doors
Panels sold separately; wiring for Vanderbilt configuration only	
OPTIONS	
E4-3BS1-VB	Vanderbilt Battery Enclosure with 3 shelves Batteries not included.
VBAT-127	12VDC 7Ah Battery

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vanderbiltindustries.com

@VanderbiltInd

Vanderbilt Industries

Vanderbilt Industries

2 Cranberry Road

Parsippany, NJ 07054

973 316 3900

an **ACRE**
company

06033-1219