VERTIV™ XTE SOLE SERIES

Equipment Enclosures

VERTIV™

- Door mounted heat exchanger or air conditioner for thermal control.

- 120 V or 208/240 V single-phase AC power input options available along with optional AC surge protection device.

- Optional vented base chamber for batteries, including Ni-Cd.

- Accepts NetSure™ 502 (-48 VDC) power system; integrated or external DC distribution available with optional DC surge protection device that protects entire DC bus.

- Side mounted customer access module available.

- Power systems designed to meet GR-63-CORE (NEBs), GR-1089-CORE (EMC) and NEC safety requirements.

- Designed to meet Telcordia's GR-487-CORE, Issue 2 requirements.

- UL Listed to NWIN 2416 requirements.

The Vertiv™ XTE Sole Series offers thermal management, battery backup and room for wireless carrier equipment to meet your small cell application needs.

Description

The Vertiv XTE Sole Series is a compact and flexible enclosure solution for housing electronics, distribution, and battery backup equipment in outdoor telecom networks. To provide maximum protection for your equipment investment, the Enclosure is designed and tested to withstand the most severe environmental conditions. Thermal management is achieved through use of heat exchanger or air conditioner cooling which keeps electronics from exceeding their optimal temperatures, yet never introduces outside air and pollutants into the equipment chamber. The Vertiv XTE Sole cabinet is extremely flexible, and a modular approachis taken wherever possible so the cabinet can be quickly configured to meet your exact requirements.

Application

This cabinet can economically house a variety of next generation electronic equipment including telco backhaul, fiber distribution, and radio equipment for wireless applications.

Vertiv XTE Sole Cabinet
Shown with 650 W heat exchanger
and customer access module

Vertiv XTE Sole Cabinet
Shown with 2000 BTU/hr air conditioner

Technical Specifications

ENCLOSURE	
Cabinet Access	Environmentally sealed door to access the equipment chamber
Security	(2) 1/4 turn fasteners on door; lower fastener accepts padlock

MOUNTING	
Mounting Options	Pad, pole, wall or H-Frame
Vertical Rack Space	63.5 cm (25") of unobstructed mounting space, 71 cm (28") total
Racks	Equipped with 58 cm (23") steel equipment rails bonded by contact to master ground bar
Equipment Mounting	Rails have limited front to rear adjustability. Factory set for 30 cm (12") deep, center mount equipment [13 cm (5") front, 18 cm (7") rear]

THERMAL PROTECTION	
Heat Exchanger	Door mounted heat exchanger, capable of removing 650 watts of heat at 46°C ambient / 65°C return (114.8°F ambient/ 149°F return)
Air Conditioner	Door-mounted 2000 BTU/hr air conditioner with 500 W heater

EQUIPMENT CHAMBER	
DC Power	Optional NetSure™ 502 (-48 VDC) power system w/ integrated or external DC distribution, with optional DC SPD
AC Power	Din-rail mount AC distribution, 120V or 208/240V single-phase input* or 2-position external-mount 120V AC load center
AC Outlet	Ground Fault Circuit Interrupter (GFCI) protected 15 A outlet
Grounding	(2) 6-position, 2-hole ground bars; one is isolated from frame

OPTIONAL MODULES	
Battery Base	Ventilated external compartment; includes options for Ni-Cd batteries or VRLA batteries with heater pad
Customer Access Module	Sealed equipment chamber with (2) 1/4 turn fasteners mounts to right side of main cabinet; includes 10-position ground bar

*Din-rail distribution includes AC surge protection.
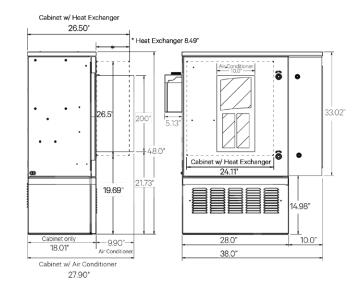
Ordering Information

VERTIV PART NO.	DESCRIPTION
F2014021	Vertiv XTE Sole Cabinet with Ni-Cd battery base (235 lb. unequipped)
Equipped with:	(1) ZZ032 NetSure™ 502 power system: 2 RU, 3 rectifier slots, 4 load CB/5 GMT with DC surge protection (1) Internal AC distribution (120 V) with AC surge protection (1) 2000 BTU/hr air conditioner
F2015022	Vertiv XTE Sole Cabinet with Ni-Cd battery base (255 lb. unequipped)
Equipped with:	(1) ZZ063 NetSure 502 power system: 8 RU, 6 rectifier slots, 24 load CB with DC surge protection (1) Internal AC distribution (208/240 V) with AC surge protection (1) 650 W heat exchanger
F1009260	Vertiv XTE Sole Cabinet with VRLA battery base (213 lb. unequipped)*
Includes:	Customer access module, 10-position ground bar, 650 W heat exchanger
F1009261	Vertiv XTE Sole Cabinet, no battery base (165 lb. unequipped)*
Includes:	Customer access module, 10-position ground bar, 650 W heat exchanger
F1009262	Vertiv XTE Sole Cabinet with VRLA battery base (190 lb. unequipped)*
Includes:	650 W heat exchanger
F1009263	Vertiv XTE Sole Cabinet, no battery base (142 lb. unequipped)*
Includes:	650 W heat exchanger

* Equipped with external 2-position load center (120 V) mounted to left side of cabinet.

Dimensions

Vertiv XTE Equipment Series

DIMENSIONS	
Main Cabinet	33.02" H x 28.00" W x 18.01" D
Battery Base	14.98" H x 28.00" W x 18.01" D
Air Conditioner	20.00" H x 10.00" W x 9.90" D
Heat Exchanger	26.50" H x 24.11" W x 8.49" D (in green on drawing)
Customer Access Module	33.02" H x 10.00" W x 18.01" D (mounts on right side)

VERTIV PART NO.	DESCRIPTION
Accessories	
F1009264	Vertiv XTE Sole pole mount kit
F1009265	Vertiv XTE Sole wall mount kit
F1009266	Vertiv XTE Sole pad mount kit
F1009604	Vertiv XTE Sole H-frame kit
F1009300	Vertiv XTE Sole battery bracket kit for SBS batteries
F1009351	Vertiv XTE Sole mounting bracket kit for 100-pr. protection panel in customer access module
F1009656	Vertiv XTE Sole conduit template for customer access module
F1006640	100-pr. protection panel

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