VERTIV™ XTE 802 SERIES

Network Edge Enclosure

KEY FEATURES

- Lightweight walk-in steel structure — low maintenance, high quality design
- Superior weather resistance designed to withstand wind loads of 175 mph and beyond and snow loads up to 300 PSF
- Designed to meet seismic zone 4
- Standard thermal management system features a direct air cooling system with a hydrophobic filter and standby HVAC for high temperature and emergency conditions
- Vertiv offers turnkey packages for custom configurations and installation needs

Versatile, low-cost Vertiv™ XTE 802 Series Enclosures protect vital electronics from extreme weather conditions wherever that equipment needs to be located.

Description

The Vertiv XTE 802 Series network edge enclosure, constructed entirely of lightweight steel, ensures vital electronic equipment is protected from vandalism and environmental damage. The interior walls are covered with a non-metallic, non-reflective wall board, and the floor is finished with an industrial grade non-slip floor tiling. The Vertiv XTE 802 Series comes standard with R12 insulation. Due to the small size of these enclosures, special building permits are not typically required in most municipal regions. The standard painted steel finish is available in off-white.

Application

The Vertiv XTE 802 Series network edge enclosure is designed to house and protect environmentally sensitive electronics at telecommunications sites including macro cellular, microwave radio, RAN aggregation, and edge applications with virtualized networks.

Vertiv XTE 802

Enclosure

Construction

Welded 14 gauge galvanized steel construction provides outstanding impact and corrosion resistance.

Protection

The powder coat finish protects against rain, sleet, snow, splashing water and damage from external ice formation, and meets Telcordia GR-487 mechanical and environmental standards for telecom enclosures (720 hrs. salt fog test).

Insulation

To minimize energy costs, the wall cavities and roof are insulated with R-12 foam insulation.

Radiant Barrier Roof

Effective for reducing solar heat gain and reduce cooling costs, the Vertiv™ XTE 802 Enclosure features a radiant barrier roof constructed of 12 gauge galvanized steel in a four truss roof design with a powder coat finish.

- Integrated with 1/4" steel lifting brackets at top
- Center pitched for water run-off

Interior Finish

The interior walls are finished with white textured Melamine panels over 5/8" treated wood (1 hr. fire-rated).

Seven Inch Tall Base

To accommodate antenna feeders, the base includes a plinth with removable steel cover plates at each corner. Fork lift tubes on sides are also included.

Access Doors & Hardware

For security and easy access, the cabinet is equipped with an 18 gauge galvanized steel commercial grade insulated door with an outward opening of 36" x 84" and a 16 gauge galvanized steel frame. Hardware includes:

- Dead bolt lock set
- (3) stainless steel hinges with non-removable pin (per door)
- Galvanized steel threshold
- Galvanized steel latch guard pick plate
- Adjustable-hydraulic closer
- 6" aluminum drip cap above doorway

Common Equipment Kit

We take care of all of your needs by providing a safe environment and protecting your equipment from damage.

- Motion controlled 70 W outside lights
- Interior LED lights
- Smoke detectors
- Door contacts for intrusion alarms
- Halo ground
- Cable racking
- Telecom board with fold down table

Commercial AC Kit

AC power is connected to the enclosure via either a manual or automatic 200A transfer switch. The transfer switch can be equipped with a variety of generator connector types to facilitate use with your existing generator cord sets.

Grounding

The Vertiv XTE 802 Enclosure includes all associated ground cabling and follows basic principles of P.A.N.I.

- Main ground bar
- Frame ground
- Building ground
- Power plant ground
- AC service ground connection

Installation

The enclosure can be installed on a traditional concrete pad or using an innovative helical support system.

Designed to be installed in eight hours or less, the helical system is ideal for rapid deployment. Helical pillars are driven six to eight feet into the ground, below the frost line, to ensure the enclosure remains level.

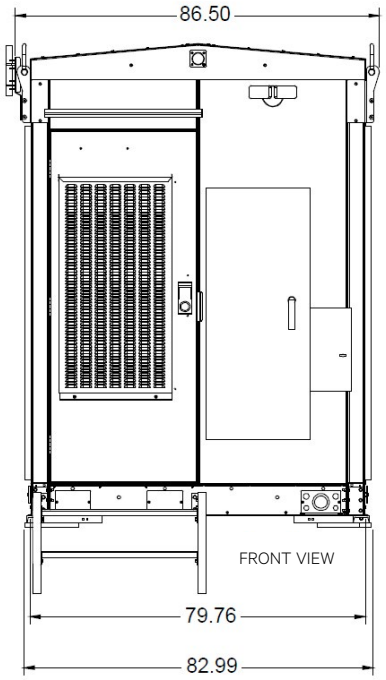
Thermal Systems

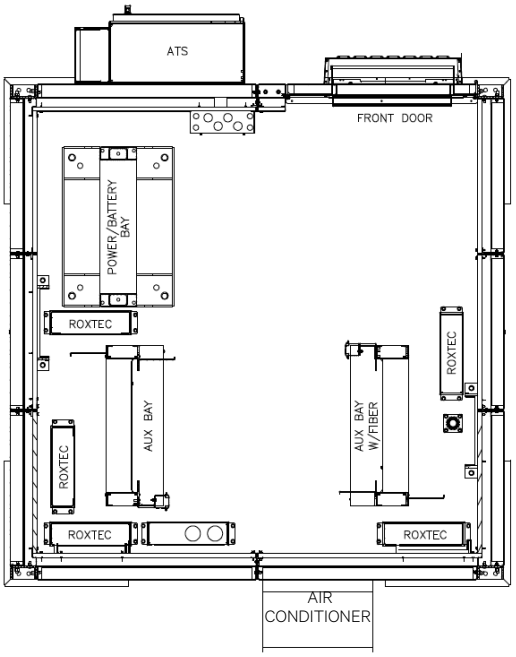
Air conditioners and fresh air vent system with hydrophobic filter are both available on the Vertiv XTE 802. Systems can be deployed independently or in tandem with a lead-lag control to either prioritize energy efficiency or maximize cooling.

DC Power - NetSure 5100

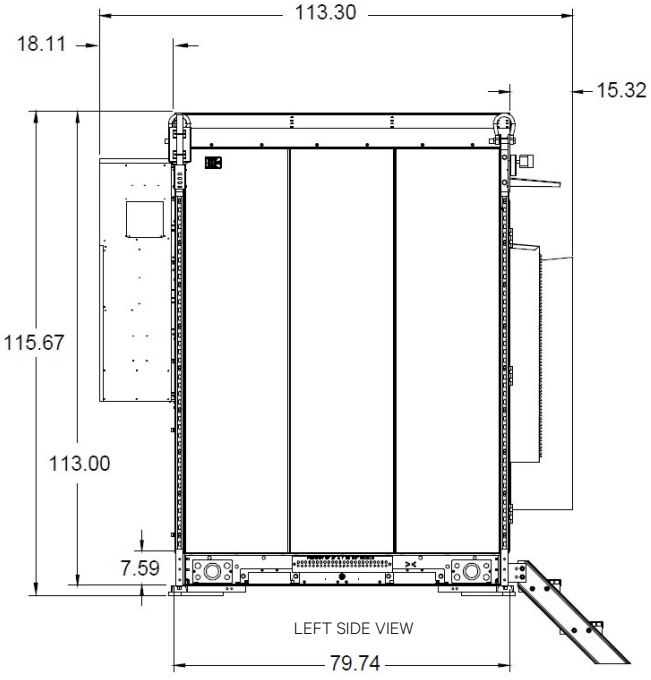
The NetSure 5100 Series, a compact -48 volt DC power solution, provides up to 600 amps of current. This system features an advanced control unit; up to (29) positions for 2000 W high-efficiency eSure rectifiers or 1500 W -48 V to +24 V converters or 2000 W solar converters; and a single or dual row distribution cabinet.

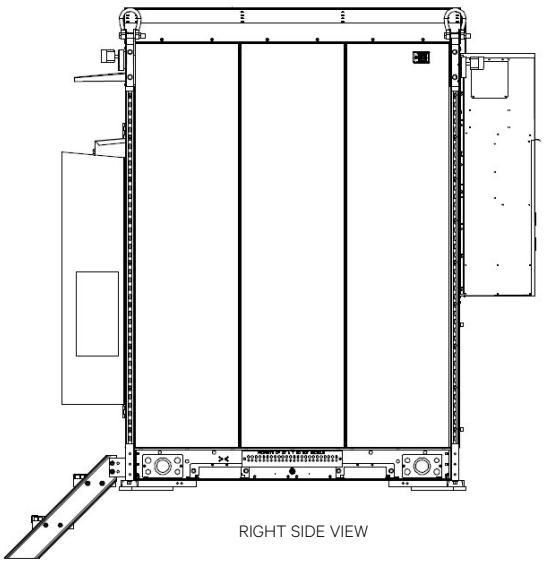
Generic Shelter Layouts



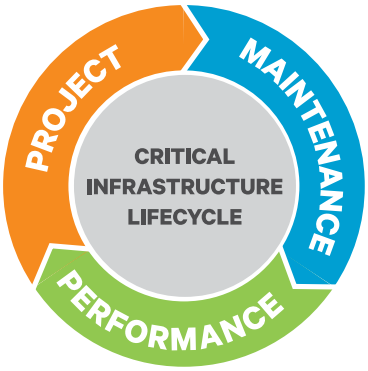


Floor Plan





Services



A complete life-cycle approach to service, from project launch to ongoing maintenance and performance optimization

We strive to keep your network infrastructure highly available, efficient and adaptable, so you can:

- Increase mean time between failure
- Decrease operating cost
- Implement future technologies while maximizing your resources

PROJECT

When launching new facilities or powering up new equipment, you want to do it right – right from the start

- Plan
- Design
- Engineer
- Integrate
- Commission
- Project management

MAINTENANCE

Services to ensure that your business-critical infrastructure operates reliably, safely and efficiently

- Preventive and corrective maintenance
- Remote services and monitoring
- Cap / fan / battery replacements
- Repair
- Spare parts

PERFORMANCE

Full range of services designed to optimize infrastructure performance and reduce complexity

- Assess
- Audit
- Model
- Configure
- Upgrade
- Train

To customize your solution and request more information, email AccountManagement.ESNA@Vertiv.com

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