

# Vertiv™ NetSure™ X701

Multi-Bay Outdoor Enclosure



## Benefits

- Leverage limited space at cell sites by housing all your base station equipment in a single weatherproof enclosure
- Keep your 5G infrastructure cool with cost-effective closed-loop heat exchanger technology
- Shorten deployment time and reduce installation fees with factory-integrated power
- Access internal components in tight spaces using removable rear access panels
- Reduce solar heat absorption and lower cooling expense with specially formulated cool white paint

## Service



- Increase equipment life with routine check ups
- Understand what actions to take if repairs and corrections are necessary
- Prevent costly repairs with regular inspections
- Get answers 24x7x365 if questions arise

*Support your 5G base station needs at macro cell sites with ample room for network equipment and up to 15 kW of heat dissipation.*

The Vertiv™ NetSure™ X701 offers plenty of room for power, batteries, and other sensitive equipment in a single convenient outdoor enclosure. Its aluminum construction provides protection from both vandalism and harsh environmental conditions while still standing up to high winds and seismic events. With up to 15kW of heat dissipation available, the NetSure™ X701 outdoor enclosure is designed to handle ever-increasing heat load requirements at your base station and network edge sites.

- UL 2416 Certified
- Factory-integrated Vertiv™ NetSure™ 512 DC power system supports -48V and -58V DC load requirements
- Battery trays for (3) strings of VRLA batteries up to 210Ah each
- Up to 76 rack units of available equipment space
- Convenient cable entry and management throughout the enclosure

## Application

The Vertiv™ NetSure™ X701 walk-up enclosure is ideally designed for cell site base stations and network edge telecom sites.



Two-Bay Vertiv™ NetSure™ X701

## Technical Specifications

Enclosure	Two-Bay	Three-Bay
Dimensions (H x W x D)	86" x 68" x 54"	74" x 102" x 54"
Weight	1300 lbs.	1650 lbs
Equipment Space	43 RU available	76 RU available
Color	Cool White	Cool White
Cabinet Access	Front door and rear panels	Front door and rear panels
Security	All handles can accommodate padlock	All handles can accommodate padlock
<b>Mounting</b>		
Mounting Options	Pad; Platform	
Racks	Adjustable 19" to 23" racks in each equipment chamber	
<b>Electrical</b>		
Input/Output Voltage	208/240VAC single-phase input; -48VDC primary/-58VDC secondary output	
<b>Environmental</b>		
Operating Temperature	-40°C to 46°C	
Relative Humidity	0% to 95% non-condensing	
<b>Thermal Solutions</b>		
Heat Exchanger	6000 watts in each equipment chamber, 2800 watts in power chamber	
<b>Equipment Chamber</b>		
DC Power	Factory-integrated Vertiv™ NetSure™ 512 system	
AC Outlet	(1) duplex GFCI convenience outlet	
Heaters	(2) 1000 watt equipment heaters	(3) 1000 watt equipment heaters
Grounding	(1) 20-position and (1) 10-position ground bar	(1) 20-position and (2) 10-position ground bars
<b>Standards Compliance</b>		
Safety	UL 2416, , UL 50E	
Environment	Designed for Telcordia GR-487	
<b>Warranty</b>		
Standard warranty is one year, parts only		

## Ordering Information

Vertiv Number	Description
F2020029	Vertiv™ NetSure™ X701 two-bay enclosure, 43 RU available
e/w	NetSure™ 512 (582137000501), -48 VDC/-58 VDC, (43) -48 V load breaker positions, (16) -58 V load breaker positions, LVBD capability (1) 2800 watt door-mounted heat exchanger (power/battery chamber) (1) 6000 watt door-mounted heat exchanger (equipment chamber) (2) 66 blocks for alarms (3) 200 amp DC battery disconnects
F2020030	Vertiv™ NetSure™ X701 three-bay enclosure, 76 RU available
e/w	NetSure™ 512 (582137000501), -48 VDC/-58 VDC, (43) -48 V load breaker positions, (16) -58 V load breaker positions, LVBD capability (1) 2800 watt door-mounted heat exchanger (power / battery chamber) (2) 6000 watt door-mounted heat exchanger (equipment chamber) (2) 66 blocks for alarms (3) 200 amp DC battery disconnects

## Accessories

Vertiv Number	Description
1R482000E3	eSure™ Rectifier, 512, -48 VDC, 40 A/2000W
1C48582000P3	eSure™ Converter, -48 V to -58 VDC, 2000W peak, 1600W average, 1280W average at 65°C
547490	SM-TEMP, 8-input temperature module
552992	Temperature probe, 10.3 meters
556155	Temperature probe, 3.3 meters
4119122	Temp probe extension, 10 meters
552822	Temp probe sensor, 0.3 meter
1M830DNA10024046	NCU controller field retrofit