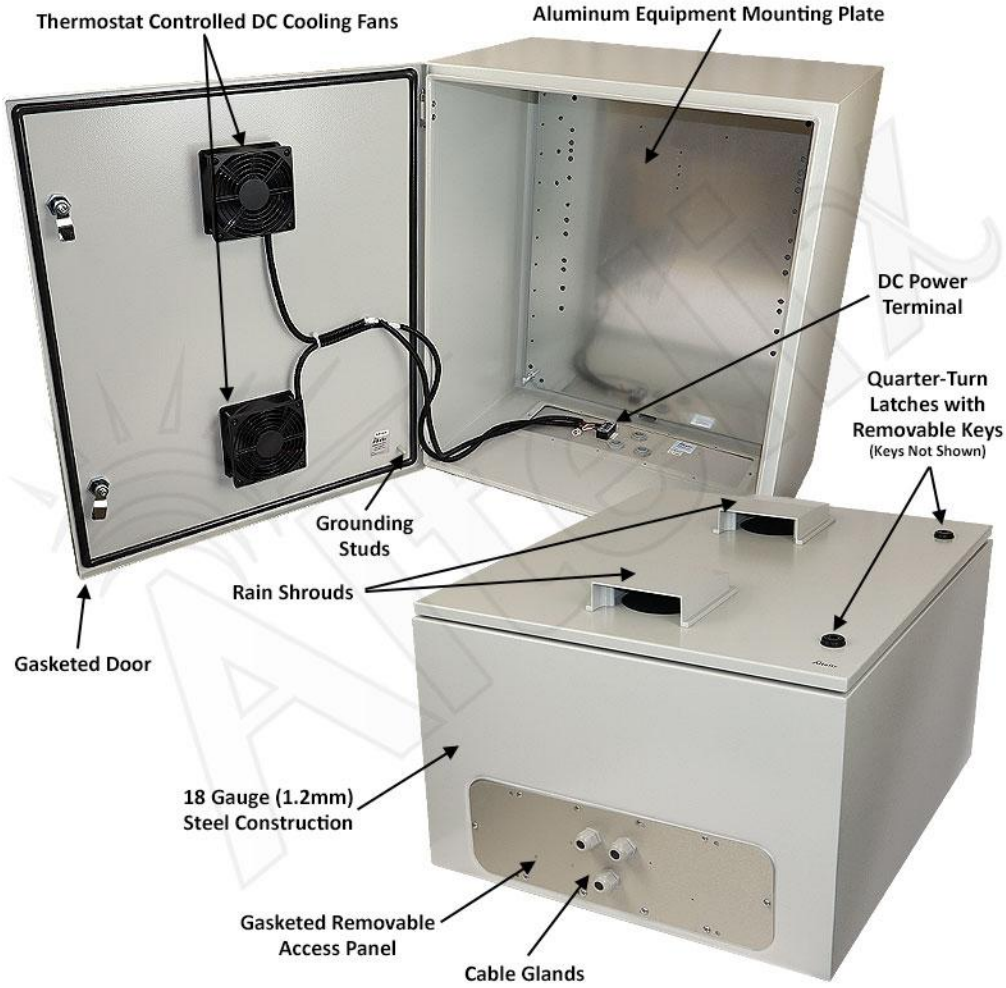
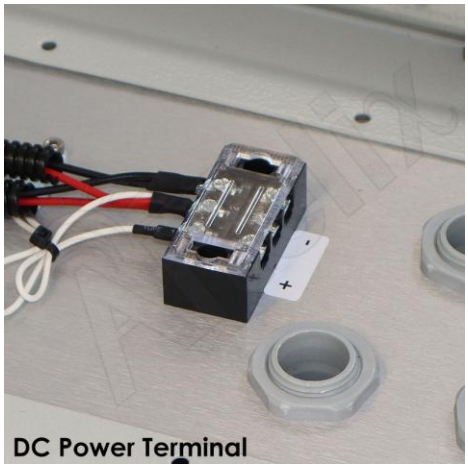
NS322416LVFD

32x24x16 Steel Weatherproof NEMA Enclosure
with Dual Door Mounted DC Cooling Fans





Features

- Dual door mounted thermostat controlled 120mm DC cooling fans for better air flow
- Available in 12VDC, 24VDC or 48VDC configurations
- Powder coated aluminum rain shrouds
- DC power terminal
- Heavy duty continuous seam welded 18 gauge steel construction
- Includes blank zinc coated galvanized steel equipment mounting plate
- Meets NEMA 3R, 3RX and IP24
- Epoxy polyester textured light gray powder coat finish
- Dual quarter-turn door latches with removable keys
- Optional keyed lock set latch and padlock latch available

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Description

The **Altelix NS322416LVFD** features two (2) thermostat controlled 120mm DC cooling fans. These door mounted low noise, high airflow fans provide better air flow through the enclosure than bottom mounted fans and help maintain lower internal temperatures. The fans turn on when the internal temperature reaches 100°F (38°C) and turn off when it drops to 79°F (26°C). Both fans are wired internally to the DC power terminal. Powder coated aluminum rain shrouds on the front door keep rainwater from entering the enclosure.

Available in **12VDC, 24VDC** or **48VDC** models, this enclosure can be powered from DC solar and battery power sources. The internal DC power terminal strip provides easy wiring to power sources.

Construction and Features

This rugged enclosure features continuous seam welded 18 Gauge (1.2mm thick) steel construction. The enclosure door is fully gasketed making this enclosure suitable for use indoors or outdoors. The door features reinforced hinges and dual quarter-turn latches to secure the enclosure. Internal grounding studs are provided on both the door and enclosure.

Both the enclosure and door are finished in a rugged epoxy polyester textured light gray powder coat finish.

Removable Power Module

The NS322416LVFD features a removable power module that attaches to the bottom of the enclosure. Constructed of rugged aluminum, this can be easily removed for servicing and is fully gasketed to ensure a proper seal. Three (3) cable gland are provided for wiring. These unique PG-16 cable glands feature a closed inner seal. They are installed in the open ports to maintain the NEMA rating of the enclosure when not in use. When required for use, simply punch a hole through the inner membrane, run your cables and tighten for a water-tight seal.

Galvanized Steel Equipment Plate

This configuration consists of the steel NEMA enclosure with hinged door and a 18 Gauge (1.2mm thick) zinc coated galvanized steel plate for mounting and securing equipment. The enclosure and plate can be drilled and modified by the installer to suit unique site requirements.

Mounting

Mounting holes are provided inside the enclosure for mounting to a wall or other structure. For pole mounting Altelix has an available optional pole mount kit. This heavy-duty kit features (2) 14 gauge steel mounting brackets and (2) heavy-duty 19 gauge 304 stainless steel adjustable bands which can be used to mount to poles from 4.5" (114.3mm) to 16" (406.4mm) in diameter.

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Specifications

Material	Continuous Seam Welded 18 Gauge (1.2 mm) Steel
Color	Light Gray (RAL 7035)
Available Voltage Options	12VDC – Model: NS322416LVFD1 24VDC – Model: NS322416LVFD2 48VDC – Model: NS322416LVFD4
Cooling Fans Turn-On Temperature	100°F (38°C)
Cooling Fans Turn-Off Temperature	79°F (26°C)
Outer Dimensions (Height x Width x Depth)	31.5 x 23.6 x 17.2 Inches (800 x 600 x 437 mm)
Inner Dimensions* (Height x Width x Depth)	26.0 x 20.0 x 12.3 Inches (660 x 508 x 312 mm)
Equipment Mounting Plate Material	18 Gauge (1.2 mm) Zinc Coated Galvanized Steel
Equipment Mounting Plate Dimensions	26.2 x 21.6 In. (665 x 550 mm)
Weight	68.5 lbs. (31.1 kg)
Power Cord Length	5 Feet (1.5m)
Ratings*	Meets or Exceeds NEMA 3R, 3RX and IP24

*Notes: Interior dimensions represent maximum space available for equipment.



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