



## Features

- Dual Door Mounted Thermostat Controlled 120mm Cooling Fans for Better Air Flow
- Powder Coated Aluminum Rain Shrouds
- Removable Power Module with (4) 120VAC Outlets and 5 Ft. Power Cord
- Heavy Duty Continuous Seam Welded 18 Gauge Steel Construction
- Meets NEMA 3R, 3RX and IP24
- Includes 19" 6U Rack Frame and Zinc Coated Galvanized Steel Equipment Mounting Plate
- 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

## Description

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### Construction and Features

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

### Internal 6U 19" Equipment Rack

The NS242412LVFA1C-R6U features a standard 19" 6U equipment rack. It is designed to accommodate a wide range of equipment such as network switches, rack mount audio/video equipment and most other rack mountable equipment. The rack frame mounts to a 18 Gauge (1.2mm thick) galvanized steel plate which can also be drilled and modified by the installer to unique site requirements.

**Installation Note:** This 6U rack has an adjustable depth from 9.5" (241.3mm) to 15.5" (393.7mm). Before ordering please check the dimensions of the equipment to be installed to ensure proper fit.

### Removable Power Module

The NS242412LVFA1C-R6U 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. This power module features two pre-wired duplex 120VAC power outlets (4 outlets total) and a pre-wired 5 foot power cord, so no additional wiring is required.

### Dual Door Mounted Cooling Fans

This enclosure features two (2) thermostat controlled 120mm 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. Both fans are wired internally so it does not require the use of the AC outlets leaving them available for internal equipment use. Powder coated aluminum rain shrouds on the front door keep rainwater from entering the enclosure.

### Cable Glands

The enclosure features two unique PG-16 cable glands with 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.

### Mounting

Mounting holes are provided inside the enclosure for mounting to a wall or other structure. For pole mounting and Rohn Tower mounting, Altelix has available optional mounting kits.

## Specifications

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<b>Material</b>	Continuous Seam Welded 18 Gauge (1.2 mm) Steel
<b>Color</b>	Light Gray (RAL 7035)
<b>Voltage / Max. Load</b>	120VAC
<b>Max. Load</b>	10A @ 120VAC
<b>Cooling Fans Turn-On Temperature</b>	100°F (38°C)
<b>Cooling Fans Turn-Off Temperature</b>	79°F (26°C)
<b>Outer Dimensions</b> (Height x Width x Depth)	23.6 x 23.6 x 13.3 Inches (600 x 600 x 338 mm)
<b>Inner Dimensions*</b> (Height x Width x Depth)	18.0 x 20.0 x 8.5 Inches (457 x 508 x 217 mm)
<b>Rack Frame</b>	19" Width 6U
<b>Rack Frame Weight Capacity</b>	75 lbs. (34kg)
<b>Equipment Mounting Plate Material</b>	18 Gauge (1.2 mm) Zinc Coated Galvanized Steel
<b>Equipment Mounting Plate Dimensions</b>	22.2 x 21.6 In. (565 x 550 mm)
<b>Weight</b>	56.7 lbs. (25.7 kg)
<b>Power Cord Length</b>	5 Feet (1.5m)
<b>Ratings*</b>	Meets or Exceeds NEMA 3R, 3RX and IP24

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