



## Features

- Dual 3" Vents
- Thermostat Controlled DC Cooling Fan
- Available Versions: 12 VDC, 24 VDC and 48 VDC
- ABS + Polycarbonate Construction
- Gasketed Lid with Tamper-Proof Locking Screw
- Dual Door Latches
- Finished Aluminum Equipment Mounting Plate
- DC Power Terminal Strip
- NEMA Type 3R, 3RX / IP24 Rated
- Includes Wall Mount Hardware and Cable Grommets
- Optional Pole Mount Kits Available

## Description

The **Altelix NP171406VFD** Series NEMA enclosure is ideal for protecting equipment from harsh environments and tampering. This enclosure features a fully gasketed door to protect from dust and water ingress. The door features reinforced hinges, dual latches and a tamper-proof locking screw with key to secure the enclosure. There is also a provision for padlock use. Internal and external electrical ground points are also provided.

**Polycarbonate + ABS Protection Built to Last** - This enclosure is molded out of UV resistant PC+ABS, a high tech thermoplastic blend of polycarbonate and ABS which combines the best qualities of both into a single material. PC+ABS enclosures are superior to ABS enclosures because they maintain high toughness, durability, and dimensional stability even at extreme cold and hot temperatures.

**DC Power Connections** - This enclosure features a DC power terminal strip and ground lug for simplified wiring on-site. The pre-installed PG16 cable gland is designed for use with a much wider range cable types and will seal against cable much thinner than a typical PG16 cable gland. One cable grommet is also pre-installed in the enclosure. A PG9 cable gland and cable grommets are provided in the accessory kit for additional wiring requirements as well as knock-outs on the enclosure.

**Fan Cooling with Thermostat Control** - This enclosure features dual 3" vents and a thermostat-controlled DC cooling fan. The low noise, high airflow fan helps maintain lower internal temperatures. Rain shrouds on the front door keep rainwater from entering the enclosure.

**Mounting** - The enclosure can be wall mounted using the included wall anchors. An optional pole mount kit is also available for installation on poles up to 8 inches in diameter.

## Specifications

<b>Models / Voltage</b>	NP171406VFD1 / 12 VDC NP171406VFD2 / 24 VDC NP171406VFD4 / 48 VDC
<b>Material</b>	PC+ABS Polycarbonate / ABS Blend
<b>Color</b>	Gray (See Altelix.com for full list of available colors)
<b>Voltage / Max Load</b>	120VAC / 10A @ 120V
<b>Cooling Fan Turn-On Temperature</b>	100°F (38°C)
<b>Cooling Fan Turn-Off Temperature</b>	79°F (26°C)
<b>Outer Dimensions</b> (Height x Width x Depth)	16.5 x 13.7 x 6.7 Inches (420 x 348 x 167 mm)
<b>Inner Dimensions*</b> (Height x Width x Depth)	11.5 x 9.0 x 3.2 Inches (292 x 229 x 81 mm)
<b>Mounting Plate Material</b>	0.08 in (2.0 mm) Aluminum
<b>Mounting Plate Dimensions</b>	14.9 x 11.2 in. (378 x 285 mm)
<b>Weight</b>	6.8 lbs. (3.0 kg)
<b>Power Cord Length</b>	5 Feet (1.5m)
<b>Ratings</b>	NEMA Type 3R, 3RX / IP24
<b>Flame Rating</b>	Meets UL94-V0
<b>Knockout Sizes (Diameter)</b>	(4) 0.62 in. (16 mm) (4) 1.02 in. (26 mm) (4) 1.30 in. (33 mm)

\*Interior dimensions represent maximum space available for equipment.