



## 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 Terminal Strip
- NEMA Type 3R, 3RX / IP24 Rated
- Includes Wall Mount Hardware and Cable Grommets
- Optional Pole Mount Kits Available

## Description

The **Altelix NP141105VFD** 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. Two cable grommets also come pre-installed. 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. The fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C). 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>	NP141105VFD1 / 12 VDC NP141105VFD2 / 24 VDC NP141105VFD4 / 48 VDC
<b>Material</b>	PC+ABS Polycarbonate / ABS Blend
<b>Available Colors</b>	Gray and Black
<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)	13.4 x 11.5 x 6.3 Inches (340 x 293 x 160 mm)
<b>Inner Dimensions*</b> (Height x Width x Depth)	8.5 x 8.0 x 3.2 Inches (216 x 203 x 81 mm)
<b>Mounting Plate Material</b>	0.08 in (2.0 mm) Aluminum
<b>Mounting Plate Dimensions</b>	11.7 x 9.0 in. (298 x 230 mm)
<b>Weight</b>	5.4 lbs. (2.4 kg)
<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) 0.78 in. (20 mm) (4) 1.30 in. (33 mm)

\*Interior dimensions represent maximum space available for equipment.