

Be sure to visit [WWW.ALTELIX.COM](http://WWW.ALTELIX.COM) to view our complete product offering and online ordering.

### Altelix Enclosure Customization



At Altelix we offer numerous standard models and options including equipment mounting plates, DIN rails, AC or DC power, air vents, cooling fans and more. We also offer full customization, engineering and on-site CNC machining of enclosures and associated equipment, all with quick turnaround time.

### Altelix NP Series Polycarbonate + ABS Enclosures



The Altelix NP Series Enclosures are 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. Sizes from 14"x11"x5" to 17"x14"x6", model options include power, vented, fan cooled and pre-wired power cords.

### Altelix NF/NFC/NFE Series FRP Enclosures



Constructed from molded fiberglass reinforced polyester (FRP), the Altelix NF/NFC/NFE Series Enclosures range in sizes from 10"x8"x6" to 24"x16"x9". Model options include AC & DC power, 100-240VAC with Universal outlets, heat and cooling, RF Transparent models and pole mounting options.

### Altelix Speciality Enclosures



In addition to the enclosures above, Altelix has designed a wide range of enclosures for specific applications. These include weatherproof phone/call boxes, emergency eye wash stations, RF Transparent enclosures for wireless applications, WiFi enclosures for use with most popular access points and enclosures design to house RFID Reader equipment.



## NP Series NEMA Enclosure Instruction Sheet

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**WARNING: INSTALLATION OF THIS PRODUCT NEAR POWERLINES IS DANGEROUS. FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS**



Under some conditions, this enclosure may not prevent electrocution. Users should keep enclosure away from any overhead wires. If enclosure contacts a power line, any initial protection could fail at any time. IF ENCLOSURE NEARS ANY OVERHEAD WIRES, IMMEDIATELY LET GO, STAY AWAY, AND CALL UTILITY COMPANY

**THIS ENCLOSURE IS DESIGNED TO BE INSTALLED ONLY BY A TRAINED PROFESSIONAL INSTALLER**

**Warning:** To avoid electric shock, grounding must be installed by the installer as part of the installation. The unit must be grounded and installed in accordance with National Electrical Codes (NEC) and any local codes. Note that non-metallic enclosures do not provide grounding between conduit connections.

**Warning:** Enclosure must be secured using a pad-lock when energized to prevent unauthorized access and shock hazard.

**Important:** Look over the site before beginning installation and anticipate possible hazards.

Select a safe site to install the enclosure.

If you have power lines in the area, call your local electric utility for assistance.

**NEVER** work alone; always have someone near who can summon help.

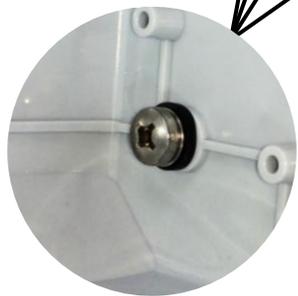
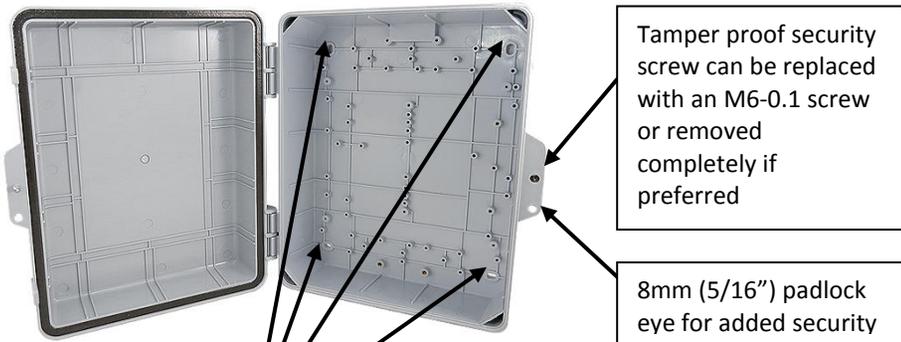
Check weather conditions. Be sure that the area is not slippery and make sure that rain or thunderstorms are not predicted for the day you install the enclosure.

If you need to use a ladder, make sure it is made of non-conductive (non-metallic) material

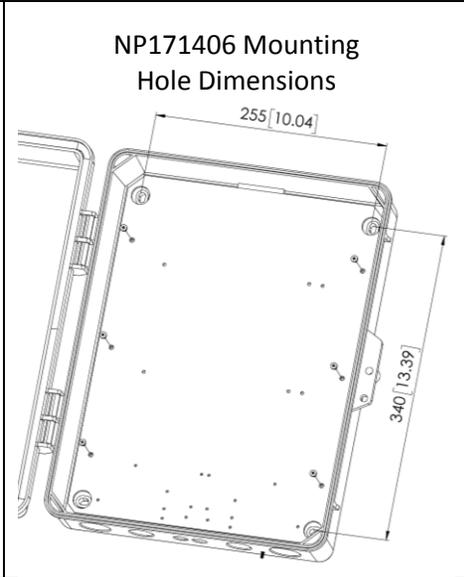
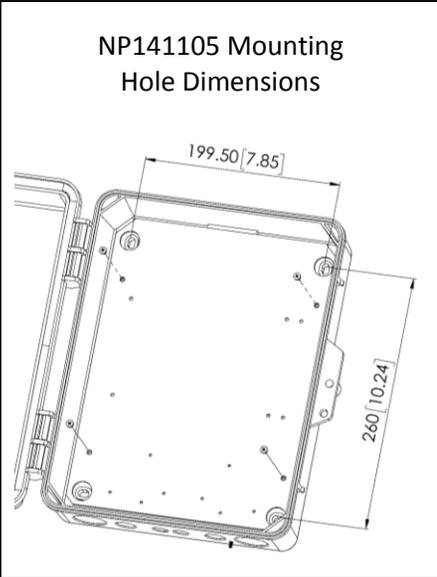
Enclosures improperly installed or installed to an inadequate structure are susceptible to wind damage that can be very serious or even life threatening. Ensure that the installation is properly grounded. Ensure that the enclosure is properly secured and structurally sound to support all loads (weight, wind & ice).

#### **Rooftop Installation Warning**

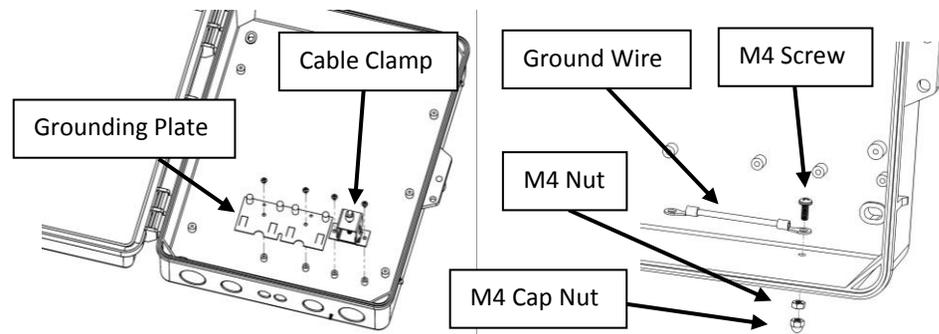
**DO NOT** assume that just because you're on a roof, you're isolated from ground. You may still be electrocuted or fall off the roof.



When mounting the enclosure, use the 4 EPDM rubber bonded washers to ensure a water-tight seal. Make sure that the washer covers the hole completely. Silicone sealant can also be added to enhance the seal. We recommend using the provided M6-1.0 or 1/4"-20 screws to mount the enclosure.



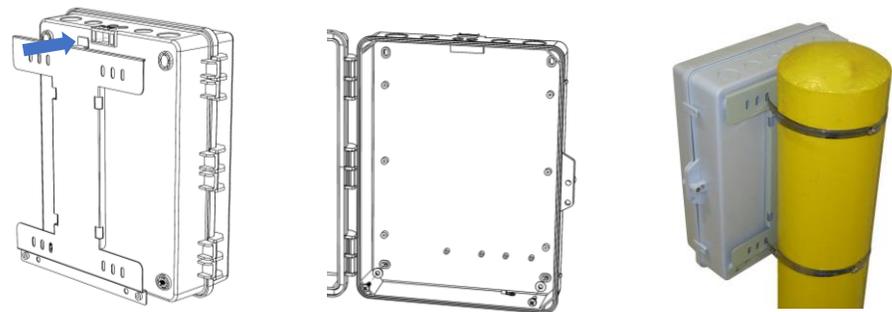
Optional equipment mounting plates can be installed using the self-tapping screws provided with your Altelix enclosure. Metallic and non-metallic plates can be purchased at [www.altelix.com](http://www.altelix.com).



Cable clamp and grounding plate can be installed using the provided self-tapping screws

The ground screw can be installed in the bottom of the enclosure. First drill out the hole using a #20 drill bit and then fasten the wire using the provided hardware.

The cutouts on the bottom and top of the box need to be drilled to ensure a clean edge. Each box comes with grommets to protect any cables or wires being fed into the enclosure. For a better weatherproof seal, we recommend using one of our HG series cable glands (sold separately at [www.altelix.com](http://www.altelix.com))



Altelix pole mounting kits can be used to mount the enclosure to poles (mounting kits sold separately at [www.altelix.com](http://www.altelix.com)). The kits include adjustable steel bands to accommodate a wide range of pole sizes. Purchase NMK-0001 for NP171406 enclosures and NMK-0002 for NP141105 enclosures.