

12x10x06 Polycarb Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat & 85F Turn on Fan Dark Gray



## NBPC121006-1HF-1

### Features

- High-Impact, UV Resistant Polycarbonate (Dark Gray)
- Stainless steel latches with padlock eye
- NEMA Type 3R / IP24 rated
- Fully gasketed vented lid with filters & user installed wall mounting brackets
- Features aluminum mounting plate with surge protected duplex 120 VAC outlet & thermostat controlled heating & cooling system

### Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage

### Description

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from High-Impact, UV Resistant Polycarbonate material that provides superior durability to impacts and ease of modification while maintaining minimum weight. It is well suited for high temperature or corrosive environments. The lid includes two vents with installed rain guards and filters. The included wall mount brackets come uninstalled and bagged with their hardware inside of the enclosure. Once the brackets are installed the enclosure can be mounted directly to any flat wall surface provided proper screws are used into secure studs. The brackets, once installed, also allow you to use our HGX-PMT pole mount kits. The lid features a non-metallic hinge system that allows for quick removal & can be reattached just as quickly without the need for any tools. The enclosure comes with a pair of stainless-steel latches with padlock eyes allowing you to secure the enclosure from tampering. The enclosure comes in a Dark Gray (Pantone 422C)

#### Mounting Plate

The aluminum mounting plate included with the NBPC121006-1HF-1 features a single standard surge protected duplex 120 VAC outlet and a terminal block for easy hook up to externally provided line power. The enclosure also features holes for two N-Bulkhead Lightning Protectors or Connectors, a grounding lug and cable conduit connector.

#### Heating & Cooling

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure need to be controlled. With the built-in heater and cooling fan, internal temperatures can be better maintained. This model is ideal in Hot and/or Cold environments.

For Heating the NBPC121006-1HF-1 includes a pair of thermostat-controlled 50W heaters (100W Total). The heaters turn on when the internal temperature drops to 40° F (4° C) ±7° and turn off at 60° F (15° C) ±5°. The heaters do not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heaters is required since they are mounted underneath the plate.

For Cooling the NBPC121006-1HF-1 model includes a thermostat-controlled 6.8W fan. The high airflow, low noise fans used allows warm air to be actively pushed out while the lower vent passively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The fan turns on when the internal temperature rises to 85° F (29° C) ±5° and turns off at 67° F (29° C) ±5°. Like the heater, the cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30, & HGX-PMT33

### Size

Outer Height	12.5 in	[317.5 mm]
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[12x10x06 Polycarb Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat & 85F Turn on Fan Dark Gray](#)

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**NBPC121006-1HF-1**

Outer Width	10.5 in	[266.7 mm]
Outer Depth	6.85 in	[173.99 mm]
Inner Height	11.01 in	[279.65 mm]
Inner Width	9.01 in	[228.85 mm]
Inner Depth	5.5 in	[139.7 mm]
Weight	8.5 lbs	[3.86 kg]
Enclosure Material	Polycarbonate	

**Environmental Specifications**

Temperature Rating	-40° to 265°F [-40° to 129°C]
NEMA Rating	3R
Ingress Protection (IP) Rating	IP24

**Compliance Certifications**

UL Listed	No
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12x10x06 Polycarb Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat & 85F Turn on Fan Dark Gray from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 12x10x06 Polycarb Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat & 85F Turn on Fan Dark Gray NBPC121006-1HF-1

URL: <https://www.l-com.com/nema-enclosures-12x10x06-polycarb-weatherproof-nema-3r-encl-120vac-mnt-plt-mech-therm-heat-85f-turn-on-fan-drk-gry-p.aspx>

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L-com CAD Drawing

