18x16x10 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Dark Gray

NEMA Enclosures Technical Data Sheet   NBPC181610-100

Features

- High-Impact, UV Resistant Polycarbonate (Dark Gray)
- Stainless steel latches with padlock eye
- NEMA Type 4X / IP66* rated (includes (4x) optional lid corner screws**)
- Fully gasketed lid & user installed wall mounting brackets
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets

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 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 NBPC181610-100 features standard surge protected duplex 120 VAC outlets 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.

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

*Note: Enclosure ports (Cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA Type 4X / IP66 rating

**Note: If all four of the optional lid screws are installed the enclosure can achieve. NEMA 6P / IP68 however all of the openings would have to be properly sealed with an IP68 rated plug, gland or coupler.

Size

Outer Height	18.9 in	[480.06 mm]
Outer Width	16.8 in	[426.72 mm]
Outer Depth	11.3 in	[287.02 mm]
Inner Height	18.2 in	[462.28 mm]
Inner Width	16.2 in	[411.48 mm]
Inner Depth	9.7 in	[246.38 mm]
Weight	17.3 lbs	[7.85 kg]
Enclosure Material	Polycarbonate	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x10 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Dark Gray NBPC181610-100

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Ingress Protection (IP) Rating   IP66

Compliance Certifications
UL Listed   No

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URL: https://www.l-com.com/nema-enclosures-18x16x10-polycarbonate-weatherproof-nema-4x-enclosure-120vac-mount-plate-dark-gray-p.aspx

NBPC181610-100 CAD Drawing
18x16x10 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Dark Gray

19.68 [499.9]

18.74 [476.0]

9.78 [248.4]

2X 316 SS LATCH
Ø3/8" PADLOCK EYE

17.01 [432.1]

16.80 [426.7]
16.16 [410.6]
15.01 [381.3]
14.88 [377.8]
PL WIDTH

12.00 [304.8] 2X MTG SLOTS
LID NOT SHOWN IN THIS VIEW
FOR CLARITY

10.00 [254.0] 2X MTG HOLES

16.88 [428.6]
PL LENGTH

18.16 [461.4]

18.91 [480.3]

PLATE

120 VAC

11.30 [287.0]

5.74 [145.7]
4.38 [111.1]
3.38 [85.7]

0

11.96 [303.7]

8.62 [218.9]

4.19 [106.3]

1.44 [36.5]

0

A

1/2" CONDUIT
CONNECTOR

GROUND LUG

Ø.63 [15.9]

.58 [14.7]

DETAIL A
2 PLACES

NOTES:
1. ENCLOSURE MATERIAL-DARK GRAY (PANTONE 422C) HIGH-IMPACT UV RESISTANT POLYCARBONATE.
2. TEMPERATURE RANGE: -40°F TO 265°F.
3. CABINETS ARE MAINTENANCE-FREE AND CORROSION RESISTANT.
4. SHALL BE PACKAGED AS PER L-COM SPEC.
5. ALL DIMENSIONS COME FOR REFERENCE ONLY.
6. WALL MOUNT BRACKETS COME UNINSTALLED, INSIDE ENCLOSURE, BAGGED WITH HARDWARE.