

18x16x10 Polycarbonate Weatherproof Outdoor IP66 NEMA
4X Enclosure, 120 VAC MNT PLT Clear Lid Black

TEBWPC181610-100



Features

- High-Impact, UV Resistant Polycarbonate (Black)
- Stainless steel latches with padlock eye
- NEMA Type 4X / IP66* rated (includes (4x) optional lid corner screws**)
- Fully gasketed clear 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 TEF-PMT pole mount kits. The clear 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 clear lid provides an unobstructed view inside the enclosure allowing for the monitoring of installed equipment and its data readout, activity or warning lights without the need to open the lid. 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 Black with a Clear Lid.

Mounting Plate

The aluminum mounting plate included with the TEBWPC181610-100 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 TEF-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include TEF-PMT13, TEF-PMT16, TEF-PMT28, TEF-PMT29, TEF-PMT30 & TEF-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]

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, 120 VAC MNT PLT Clear Lid Black TEBWPC181610-100](#)

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Inner Depth	9.7 in	[246.38 mm]
Weight	17.5 lbs	[7.94 kg]
Enclosure Material	Polycarbonate	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X
Ingress Protection (IP) Rating	IP66

Compliance Certifications

UL Listed	No
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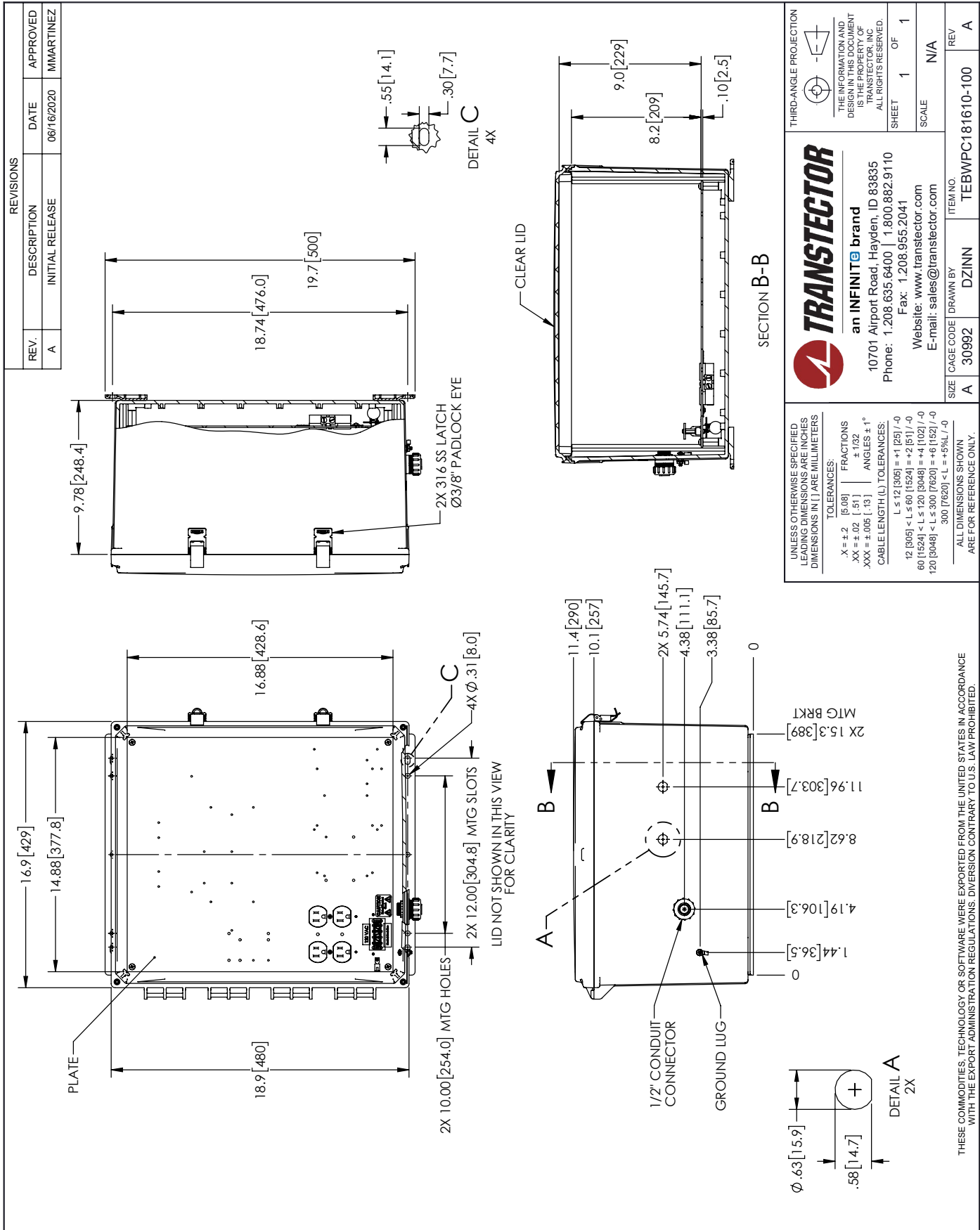
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: <https://www.transtector.com/18x16x10-polycarbonate-weatherproof-outdoor-ip66-nema-4x-tebwpc181610-100-p.aspx>

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TEBWPC181610-100 CAD Drawing



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/16/2020	MMARTINEZ

THIRD-ANGLE PROJECTION

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SCALE: 1 OF 1

ITEM NO: TEBWPC181610-100

SIZE: A

CAGE CODE: 30992

DRAWN BY: DZINN

REV: A

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = ±.2 [5.08] FRACTIONS
 .XX = ±.02 [.51] ±.132
 .XXX = ±.005 [.13] ANGLES ±1°

CABLE LENGTH (L) TOLERANCES:
 L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = -2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = -4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = -6 [152] / -0
 300 [7620] < L = +9% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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