

Enclosures **PolyStar Series**

Polycarbonate Enclosure 14 x 12 x 6 Inches, Black, with Hinged Opaque Cover and Non-Metallic Latches



Catalog Number

BK-PC1412

UPC

785928588440

DESCRIPTION

14H x 12W x 6D Inches PolyStar Polycarbonate Enclosure, Black, with an Opaque Cover Configuration with Non-Metallic Latches (Hinged, Latched, Padlockable) are designed for outdoor and indoor applications. They carry an "F1" Rating per UL 746C, passing all tests for UV exposure and water immersion. PolyStar enclosures are self-extinguishing, non-halogenated and non-flame propagating.



APPLICATION

- Extremely tough and durable, PolyStar Black enclosures are used in both outdoor and indoor applications. They provide superior environmental protection for customer equipment. They are ideal for promotion of OEM products, and either blend in with their surroundings or command visual attention in applications where improved aesthetics is desired and includes requirements for black enclosures.
- Used to house electrical and electronic controls; instruments; and components
- Used in highly corrosive areas



- Provides protection against rain; sleet; snow; splashing water; hose-directed water; submersion; sun/UV and flame protection.

FEATURES

- Black Color provides excellent aesthetics and blends in to dark surroundings and equipment
- Latches and hinges do not penetrate enclosure
- Easy to remove lid
- High performance inserts
- integrated padlock hasp
- Optional Flush-fit side mount swing panel and DIN rail system
- Molded in bosses
- Multi-directional mounting feet
- Single SKU with multiple cover attachment options

General Information

Color	Black
Cover Type	Opaque
Mounting Type	Wall Mount
Material	Polycarbonate
Back Panel Screw Size	#10-32x3/8
Back Panel Recommended Torque	16-20 in-lbs.
Back Panel Screw Material	Zinc Plated
Cover Screw Size	#10-32 x 5/8
Cover Screw Recommended Torque	20-24 in-lbs.
Cover Screw Material	304 SS
Mounting Foot Screw Size	1/4-20 x 1/2
Mounting Foot Screw Recommended Torque	10-14 in-lbs.
Installation Mounting Torque	25-30 in-lbs. Max
Metal Inserts	Brass
Hinge Material	Integral Polycarbonate
Latch Material	Polycarbonate
Gasket Material	Poured In Place (PIP) Polyurethane Seamless
Country of Origin	USA

DIMENSIONS

Height (in)	14
Width (in)	12
Depth (in)	6
Height (mm)	355.6
Width (mm)	304.8
Depth (mm)	152.4
Useable Depth (in)	6.56
Useable Depth (mm)	167

STANDARDS

NEMA 10250; UL 50; UL 50e; cULus Listed File
UL508A #E319779

CSA Std. C22.2 cULus Listed File
#E319779

Type 1; 3R; 4; 4X; 6P; 12

IEC 60529; UL Listed IP66; IP68
#E362920

Temperature Range °F -40°F to +248°F

Temperature Range °C -40°C to +120°C

Flammability Rating UL94-5VA

Outdoor Exposure UL746c (f1) Rated

CE Certified