

Enclosures **PolyStar Series**

## **Polycarbonate Enclosure 8 x 6 x 4 Inches PolyStar Series HW Opaque Screw Down Cover without Latches**



**Catalog  
Number**

**PC806HW**

**UPC**

**785928581120**

### **DESCRIPTION**

8H X 6W X 4D Inches PolyStar™ Series is a high performance, polycarbonate enclosure applicable for heavy industrial conditions, but with a refined style suitable for commercial, industrial and OEM design applications. PolyStar Series enclosures are rain-tight and watertight rated for use in both interior and exterior applications. This configuration features a screw down opaque cover without latches which is hinged and padlockable.

### **APPLICATION**

- Suitable for heavy industrial; commercial; and OEM applications
- Used to house electrical and electronic controls; instruments; and components
- Used indoors or outdoors
- Used in highly corrosive areas
- Provides protection against rain; sleet; snow; splashing water; hose-directed water; submersion; sun/UV and flame protection.



## FEATURES

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- Hinge does not penetrate enclosure
- High performance inserts
- Integrated Padlock Hasp
- Flush-fit side mount swing panel and DIN rail system
- Molded in bosses
- Multi-directional mounting feet
- Single SKU with multiple cover attachment options
- Hinged Screw-Down, Without Latches
- Back Panels Available for all sizes

## General Information

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|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Color                                  | Gray                                           |
| Cover Type                             | Opaque                                         |
| Mounting Type                          | Wall Mount                                     |
| Material                               | Polycarbonate                                  |
| Back Panel Screw Size                  | #10-32 x 3/8                                   |
| 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                         |
| Gasket Material                        | Poured In Place (PIP)<br>Polyurethane Seamless |
| Country of Origin                      | USA                                            |

## DIMENSIONS

|                   |     |
|-------------------|-----|
| Height (in)       | 8   |
| Width (in)        | 6   |
| Depth (in)        | 4   |
| Height (mm)       | 203 |
| Width (mm)        | 152 |
| Depth (mm)        | 102 |
| Usable Depth (in) | 5   |
| Usable Depth (mm) | 116 |
| Weight (lbs)      | 3.2 |

## STANDARDS

|                                   |                            |
|-----------------------------------|----------------------------|
| NEMA 10250; UL 50; UL 50e; UL508A | cULus Listed File #E319779 |
| CSA Std. C22.2                    | cULus Listed File #E319779 |
| Type                              | 1; 3R; 4; 4X; 6P; 12       |
| IEC 60529; UL Listed #E362920     | IP66, IP68                 |
| 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                  |