

Now Available!



# PolyStar<sup>®</sup> Enclosures in Color

The most innovative, durable and reliable polycarbonate enclosures - now available in color!

New Stahlin PolyStar enclosures in color provide superior environmental protection and aesthetically enhance installations. Ideal for promotion of OEM products, they command visual attention in applications requiring color.

IDEAL FOR INDUSTRIAL & COMMERCIAL APPLICATIONS REQUIRING ENCLOSURES THAT BLEND IN OR STAND OUT

## SUPERIOR INDOOR AND OUTDOOR PROTECTION AGAINST:



RAIN, SLEET & SNOW



SPLASHING & HOSE DIRECTED WATER



SUBMERSION



SUN/UV



FLAMES

## APPLICATION:

- Extremely tough and durable, PolyStar Series enclosures in color are used in both outdoor and indoor applications. They provide superior environmental protection for customer equipment and aesthetically enhance installations. They are ideal for promotion of OEM products, and command visual attention in applications requiring color.
- **White** – Has a high level of reflectance which can be used to minimize heat gain in areas with increased sunlight exposure, and offers an aesthetically appealing, clean look
- **Black** – Often used in darker areas to blend-in with equipment or environment
- **Red** – Can be used in a variety of applications including fire and emergency systems
- **Yellow** – Often used where high visibility and facility safety is required
- **Blue** – Is often used in remote monitoring, data and security applications

## BENEFITS:

- Appealing aesthetics and increased visibility to improve customer promotion and branding
- Versatile, innovative features including a panel management system maximizing internal space, T-Slot design for side wall mounting, and octagon mounting feet allowing for unique angling and fit with equipment.
- Impact and corrosion resistant design with full polycarbonate material construction.

## INNOVATIONS & FEATURES:

- In addition to standard gray, PolyStar is now available in 5 standard colors: White, Black, Red, Yellow, and Blue
- Available in a wide range of sizes from 6" x 6" to 20" x 16"
- Lightweight, high-impact rated polycarbonate material construction with molded-in colors that will not chip or scrape away
- Aesthetically appealing glossy finish
- Innovative panel management and side mount capabilities allows full use of interior space to maximize component placement and design flexibility.
- Clear with smoke tint or Opaque cover options
- Stainless steel latches as standard
- Fully nonmetallic hinge does not penetrate inside enclosure
- "One-solution" Enclosure can be configured as a screw cover or hinged cover
- Thick, robust side wall construction eliminates side wall flexing
- Built in DIN Rail mounting embosses in the back of the enclosure
- Sliding T-Nut allows for infinite panel adjustment back to front
- 4 mounting feet, cover screws, mounting caps, back panel screws & washers included
- Multi-directional mounting feet allow mounting flexibility
- Aluminum back panel and swing out panel mounting options
- Custom digital printing and modifications are available upon request through our value-add Modright program. Please consult factory.

## MATERIALS:

- Enclosure and Covers: Polycarbonate with UV inhibitors
- Gasket: Robotically applied Foam-In-Place seamless polyurethane
- Stainless steel latches

## RATINGS & LISTINGS:

- cULus Listed per file #E319779
- IEC 60529: UL Listed per file #E362920 IP66
- UL50, UL50e, UL508A
- Type 1, 3R, 4, 4X, 12
- Operating Temperature Rating: -40°F to +248°F (-40°C to +120°C)
- Outdoor UV Exposure (UL 746C) (f1) Rated
- UL's best rating, an "f1" per UL 746C (resin has passed tests for UV exposure and water immersion)

 **STAHLIN**  
A ROBROY ENCLOSURES<sup>®</sup> BRAND

**CATALOG NUMBERS  
AND DIMENSIONS:**

**PolyStar®**  
White, Black, Red, Yellow, Blue  
OPAQUE COVER ENCLOSURE WITH STAINLESS STEEL LATCHES

SIZE	WHITE PART#	BLACK PART#	RED PART#	YELLOW PART#	BLUE PART#
6 X 6 X 4	WH-PC606SS	BK-PC606SS	RD-PC606SS	YW-PC606SS	BL-PC606SS
8 X 6 X 4	WH-PC806SS	BK-PC806SS	RD-PC806SS	YW-PC806SS	BL-PC806SS
8 X 8 X 4	WH-PC808SS	BK-PC808SS	RD-PC808SS	YW-PC808SS	BL-PC808SS
10 X 8 X 4	WH-PC1008SS	BK-PC1008SS	RD-PC1008SS	YW-PC1008SS	BL-PC1008SS
10 X 8 X 6	WH-PC100806SS	BK-PC100806SS	RD-PC100806SS	YW-PC100806SS	BL-PC100806SS
10 X 10 X 6	WH-PC1010SS	BK-PC1010SS	RD-PC1010SS	YW-PC1010SS	BL-PC1010SS
12 X 10 X 6	WH-PC1210SS	BK-PC1210SS	RD-PC1210SS	YW-PC1210SS	BL-PC1210SS
14 X 12 X 6	WH-PC1412SS	BK-PC1412SS	RD-PC1412SS	YW-PC1412SS	BL-PC1412SS
16 X 14 X 8	WH-PC1614SS	BK-PC1614SS	RD-PC1614SS	YW-PC1614SS	BL-PC1614SS
18 X 16 X 4	WH-PC181604SS	BK-PC181604SS	RD-PC181604SS	YW-PC181604SS	BL-PC181604SS
18 X 16 X 10	WH-PC1816SS	BK-PC1816SS	RD-PC1816SS	YW-PC1816SS	BL-PC1816SS
20 X 16 X 8	WH-PC2016SS	BK-PC2016SS	RD-PC2016SS	YW-PC2016SS	BL-PC2016SS

**PolyStar®**  
White, Black, Red, Yellow, Blue  
CLEAR COVER ENCLOSURE WITH STAINLESS STEEL LATCHES

SIZE	WHITE PART#	BLACK PART#	RED PART#	YELLOW PART#	BLUE PART#
6 X 6 X 4	WH-PC606CCSS	BK-PC606SS	RD-PC606SS	YW-PC606SS	BL-PC606SS
8 X 6 X 4	WH-PC806CCSS	BK-PC806SS	RD-PC806SS	YW-PC806SS	BL-PC806SS
8 X 8 X 4	WH-PC808CCSS	BK-PC808SS	RD-PC808SS	YW-PC808SS	BL-PC808SS
10 X 8 X 4	WH-PC1008CCSS	BK-PC1008SS	RD-PC1008SS	YW-PC1008SS	BL-PC1008SS
10 X 8 X 6	WH-PC100806CCSS	BK-PC100806CCSS	RD-PC100806CCSS	YW-PC100806CCSS	BL-PC100806CCSS
10 X 10 X 6	WH-PC1010CCSS	BK-PC1010CCSS	RD-PC1010CCSS	YW-PC1010CCSS	BL-PC1010CCSS
12 X 10 X 6	WH-PC1210CCSS	BK-PC1210CCSS	RD-PC1210CCSS	YW-PC1210CCSS	BL-PC1210CCSS
14 X 12 X 6	WH-PC1412CCSS	BK-PC1412CCSS	RD-PC1412CCSS	YW-PC1412CCSS	BL-PC1412CCSS
16 X 14 X 8	WH-PC1614CCSS	BK-PC1614CCSS	RD-PC1614CCSS	YW-PC1614CCSS	BL-PC1614CCSS
18 X 16 X 4	WH-PC181604CCSS	BK-PC181604CCSS	RD-PC181604CCSS	YW-PC181604CCSS	BL-PC181604CCSS
18 X 16 X 10	WH-PC1816CCSS	BK-PC1816CCSS	RD-PC1816CCSS	YW-PC1816CCSS	BL-PC1816CCSS
20 X 16 X 8	WH-PC2016CCSS	BK-PC2016CCSS	RD-PC2016CCSS	YW-PC2016CCSS	BL-PC2016CCSS

**Accessories:** 4 mounting feet, cover screws, mounting caps, back panel screws & washers (Included with enclosure - Replacement Only)  
 WH-PCACCESSORYKIT BK-PCACCESSORYKIT RD-PCACCESSORYKIT YW-PCACCESSORYKIT BL-PCACCESSORYKIT

\*Dimensional data and all accessories can be found online at [stahlin.com](http://stahlin.com) or in our full catalog

**Aluminum Panels**

BACK PANEL PART #	SWING KIT PART #
BP66AL	PC606SPK
BP86AL	PC806SPK
BP88AL	PC808SPK
BP108AL	PC1008SPK
BP108AL	PC1008SPK
BP1010AL	PC1010SPK
BP1210AL	PC1210SPK
BP1412AL	PC1412SPK
BP1614AL	PC1614SPK
BP1816AL	PC1816SPK
BP1816AL	PC1816SPK
BPJ2016AL	PC2016SPK

**Aluminum Panels**

BACK PANEL PART #	SWING KIT PART #
BP66AL	PC606SPK
BP86AL	PC806SPK
BP88AL	PC808SPK
BP108AL	PC1008SPK
BP108AL	PC1008SPK
BP1010AL	PC1010SPK
BP1210AL	PC1210SPK
BP1412AL	PC1412SPK
BP1614AL	PC1614SPK
BP1816AL	PC1816SPK
BP1816AL	PC1816SPK
BPJ2016AL	PC2016SPK

