

POLYSTAR® BLACK SERIES

STAHLIN
A ROBROY Brand

THE MOST INNOVATIVE, DURABLE, AND RELIABLE POLYCARBONATE ENCLOSURES — NOW AVAILABLE IN BLACK!

The new Stahlin PolyStar enclosures in black provide superior environmental protection and enhance installations. Ideal for the promotion of OEM products, they can blend in with surrounding equipment or stand out and improve aesthetics.



SUPERIOR PROTECTION AGAINST



RAIN, SLEET
& SNOW



SPLASHING &
HOSE DIRECTED
WATER



SUBMERSION



SUN/UV



FLAMES

APPLICATIONS

- + Extremely tough and durable, PolyStar Black Series enclosures are used in both indoor and outdoor applications. They provide superior environmental protection for customer equipment.
- + Ideal for the promotion of OEM products and either blend in with their surroundings or command visual attention in applications where improved aesthetics are desired.

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 git with equipment.
- + Impact and corrosion resistant design with full polycarbonate material construction.

INNOVATIVE FEATURES

- + PolyStar is now available in black color as standard in 12" x 10" x 6", 14" x 12" x 6", and 16" x 14" x 8", opaque or smoked clear cover configurations!
- + Lightweight, high-impact rated polycarbonate material construction with molded-in color that will not chip or scape 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.
- + Cover options include opaque or clear with smoke tint.
- + Available with black polycarbonate or stainless steel latches.
- + Fully non-metallic 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.
- + Four mounting feet, cover screws, mounting caps, back panel screws, and washers included.
- + Multi-directional mounting feet allow mounting flexibility.
- + Back panel and swing-out panel mounting options available.
- + Custom digital printing and modifications are available upon request through our value - add ModRight program. *Please consult factory.*



MATERIALS

INDUSTRY STANDARDS

- + **Enclosures and Covers:** Polycarbonate with UV inhibitors
- + **Latches:** Black Polycarbonate or Stainless steel
- + cULus Listed per file #E319779
- + IEC 60529: CULus Listed per file #E362920 IP66, IP68
- + UL 50, UL 50e, UL 508A
- + Type 1, 3R, 4, 4X, 6P, 12
- + **Gasket:** Robotically applied Foam-in-Place seamless polyurethane
- + Operating Temperature Rating: -40°F to +248°F (-40°C to +120°C)
- + UL's best rating, an "f1" per UL 746C (resin has passed tests for UV exposure and water immersion)

CATALOG NUMBERS AND DIMENSIONS

PolyStar Black Series						
Opaque Cover w/ Polycarbonate Latches	Clear Cover w/ Polycarbonate Latches	Opaque Cover w/ Stainless Steel Latches	Clear Cover w/ Stainless Steel Latches	Overall H x W x D (in.)	Back Panel Part #	Swing Kit Part #
BK-PC1210	BK-PC1210CC	BK-PC1210SS	BK-PC1210CCSS	12 x 10 x 6	BP1210*	PC1210SPK
BK-PC1412	BK-PC1412CC	BK-PC1412SS	BK-PC1412CCSS	14 x 12 x 6	BP1412*	PC1412SPK
BK-PC1614	BK-PC1614CC	BK-PC1614SS	BK-PC1614CCSS	16 x 14 x 8	BP1614*	PC1614SPK

*Add suffix for material desired: AL = aluminum, SS = stainless steel, FG = fiberglass, CS = carbon steel, ABS = ABS material

PolyStar Black Series - Replacement Accessory Kit	
Catalog #	Description
BK-PCACCKIT	This kit is for replacement parts only. Enclosures are provided with mounting feet and hardware included with the enclosure catalog number.

