

Diamond Shield Fiberglass Enclosures

Screw Cover



DS121006W

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket prevent accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Opaque cover with four screws
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Color: Gray

Listings

- UL/cUL 50/50E/508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
[File E362920]
- IEC 60529 IP66
- Flammability Rating: UL94-5V
 - Non-flame propagating
 - Flame Spread classification: NFPA No. 101, Class A (1)
- Temperature Range: -76°F to 274°F
[-60°C to 134°C]



Diamond Shield Fiberglass Enclosures - Screw Cover

Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
DS60604W	\$127.00	7.41 x 7.79 x 4.31 [188 x 198 x 109]	2.50 [1.13]	BP66CS	—	BP66AL	PDF
DS80604W	\$134.00	9.41 x 7.79 x 4.31 [239 x 198 x 109]	3.00 [1.36]	BP86CS	BP86FG	BP86AL	PDF
DS100806W	\$168.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	BP108CS	BP108FG	BP108AL	PDF
DS121006W	\$191.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	BP1210CS	BP1210FG	BP1210AL	PDF
DS141206W	\$223.00	15.44 x 13.86 x 6.34 [392 x 352 x 161]	8.00 [3.63]	BP1412CS	BP1412FG	BP1412AL	PDF
DS141208W	\$237.00	15.44 x 13.86 x 8.34 [392 x 352 x 212]	9.50 [4.31]	BP1412CS	BP1412FG	BP1412AL	PDF
DS161408W	\$262.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	BP1614CS	BP1614FG	BP1614AL	PDF
DS181610W	\$345.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	BP1816CS	BP1816FG	BP1816AL	PDF
DS201610W	\$604.00	21.79 x 18.16 x 10.34 [553 x 461 x 263]	16.00 [7.26]	BPJ2016CS	—	BPJ2016AL	PDF

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

Weight in pounds [kilograms].

Mounting foot kit [DSMGFTKIT] must be ordered separately.

Diamond Shield Fiberglass Enclosures

Hinged Screw Cover



[DS80804HW](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket prevents accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Opaque, hinged cover with two screws
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per ULA746C
- Full 180° door opening
- Color: Gray

Listings

- UL/cUL 50/50E/ 508A Types 1, 3, 3S, 12, 13, and 4X [File E64358]
- UL1741 and ANSI/UL1703 [File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X [File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66 [File E362920]
- Flammability Rating: UL94-5V
 - Non-flame propagating
 - Flame Spread classification: NFPA No. 101, Class A (1)
- Temperature Range: -76°F to 274°F [-60°C to 134°C]



Diamond Shield Fiberglass Enclosures – Hinged Screw Cover

Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
DS60604HW	\$115.00	7.41 x 7.79 x 4.31 [188 x 198 x 109]	2.50 [1.13]	BP66CS	—	BP66AL	PDF
DS80804HW	\$129.00	9.39 x 9.76 x 4.31 [239 x 248 x 109]	3.00 [1.36]	BP88CS	—	—	PDF
DS80604HW	\$118.00	9.41 x 7.79 x 4.31 [239 x 198 x 109]	3.00 [1.36]	BP86CS	BP86FG	BP86AL	PDF
DS100806HW	\$144.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	BP108CS	BP108FG	BP108AL	PDF
DS121006HW	\$163.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	BP1210CS	BP1210FG	BP1210AL	PDF
DS141206HW	\$188.00	15.49 x 13.86 x 6.31 [393 x 352 x 160]	8.00 [3.63]	BP1412CS	BP1412FG	BP1412AL	PDF
DS141208HW	\$202.00	15.49 x 13.86 x 8.34 [393 x 352 x 212]	9.50 [4.31]	BP1412CS	BP1412FG	BP1412AL	PDF
DS161408HW	\$217.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	BP1614CS	BP1614FG	BP1614AL	PDF
DS181610HW	\$287.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	BP1816CS	BP1816FG	BP1816AL	PDF
DS201610HW	\$495.00	21.79 x 18.16 x 10.34 [553 x 461 x 263]	16.00 [7.26]	BPJ2016CS	—	BPJ2016AL	PDF

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

Weight in pounds [kilograms].

Mounting foot kit [DSMGFTKIT](#) must be ordered separately.

Diamond Shield Fiberglass Enclosures

Single-Door with Twist-Lock Latches



[DS121006HLL](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket prevents accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Opaque, hinged cover with two padlockable twist-lock latches
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Full 180° door opening
- Color: Gray

Listings

- UL/cUL 50/50E/ 508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66
[File E362920]
- Flammability Rating: UL94-5V
 - Non-flame propagating
 - Flame Spread classification: NFPA No. 101, Class A (1)
- Temperature Range: -76°F to 274°F
[-60°C to 134°C]



Diamond Shield Fiberglass Enclosures – Single-Door with Twist-Lock Latches							
Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
<u>DS100806HLL</u>	\$211.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	<u>BP108CS</u>	<u>BP108FG</u>	<u>BP108AL</u>	<u>PDF</u>
<u>DS121006HLL</u>	\$235.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	<u>BP1210CS</u>	<u>BP1210FG</u>	<u>BP1210AL</u>	<u>PDF</u>
<u>DS141208HLL</u>	\$325.00	15.44 x 13.86 x 8.34 [392 x 352 x 212]	9.50 [4.31]	<u>BP1412CS</u>	<u>BP1412FG</u>	<u>BP1412AL</u>	<u>PDF</u>
<u>DS161408HLL</u>	\$348.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	<u>BP1614CS</u>	<u>BP1614FG</u>	<u>BP1614AL</u>	<u>PDF</u>
<u>DS181610HLL</u>	\$419.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	<u>BP1816CS</u>	<u>BP1816FG</u>	<u>BP1816AL</u>	<u>PDF</u>
Notes: Subpanels must be ordered separately. Dimensions in inches [millimeters]. Weight in pounds [kilograms]. Mounting foot kit <u>DSMGFTKIT</u> must be ordered separately.							

Diamond Shield Fiberglass Enclosures

Single-Door with Quick-Release Latches



[DS80604HPL](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket prevents accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Opaque hinged cover with two quick-release padlock latches
- Full 180° door opening
- Color: Gray

Listings

- UL/cUL 50/50E/508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66
[File E362920]
- Flammability Rating: UL94-5V
 - Non-flame propagating
 - Flame Spread classification: NFPA No. 101, Class A (1)
- Temperature Range: -76°F to 274°F
[-60°C to 134°C]



Diamond Shield Fiberglass Enclosures – Single-Door with Quick-Release Latches

Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
DS60604HPL	\$145.00	7.41 x 7.79 x 4.31 [188 x 198 x 109]	2.50 [1.13]	BP66CS	—	BP66AL	PDF
DS80604HPL	\$147.00	9.41 x 7.79 x 4.31 [239 x 198 x 109]	3.00 [1.36]	BP86CS	BP86FG	BP86AL	PDF
DS80804HPL	\$153.00	9.39 x 9.76 x 4.31 [239 x 248 x 109]	3.00 [1.36]	BP88CS	—	—	PDF
DS100806HPL	\$164.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	BP108CS	BP108FG	BP108AL	PDF
DS121006HPL	\$182.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	BP1210CS	BP1210FG	BP1210AL	PDF
DS141206HPL	\$230.00	15.49 x 13.86 x 6.31 [393 x 352 x 160]	8.00 [3.63]	BP1412CS	BP1412FG	BP1412AL	PDF
DS141208HPL	\$251.00	15.49 x 13.86 x 8.34 [393 x 352 x 212]	9.50 [4.31]	BP1412CS	BP1412FG	BP1412AL	PDF
DS161408HPL	\$268.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	BP1614CS	BP1614FG	BP1614AL	PDF
DS181610HPL	\$325.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	BP1816CS	BP1816FG	BP1816AL	PDF
DS201610HPL	\$515.00	21.79 x 18.16 x 10.34 [553 x 461 x 263]	16.00 [7.26]	BPJ2016CS	—	BPJ2016AL	PDF

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

Weight in pounds [kilograms].

Mounting foot kit [\[DSMGFTKIT\]](#) must be ordered separately.

Diamond Shield Fiberglass Enclosures

Clear Polycarbonate Single-Door with Quick-Release Latches



[DSCC80804HPL](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket areas for accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Clear polycarbonate hinged cover with padlockable quick-release latches
- Raised bosses with brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Full 180° door opening
- Color: Gray

Listings

- UL/cUL 50/50E/ 508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66
[File E362920]
- Non-flame propagating
 - Flammability Rating body: UL94-5V
 - Flammability Rating cover: UL94 V-0
 - Flame Spread classification: NFPA No. 101, Class A (1)
- Temperature Range: body -76°F to 274°F
[-60°C to 134°C]
- Temperature Range cover: -30°F to 248°F
[-34°C to 120°C]



Diamond Shield Fiberglass Enclosures – Clear Polycarbonate Single-Door with Quick-Release Latches							
Part Number	Price	Enclosure Overall Size HxWxD	Wt	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
<u>DSCC60604HPL</u>	\$156.00	7.41 x 7.79 x 4.31 [188 x 198 x 109]	2.50 [1.13]	<u>BP66CS</u>	—	<u>BP66AL</u>	<u>PDF</u>
<u>DSCC80804HPL</u>	\$175.00	9.39 x 9.76 x 4.31 [239 x 248 x 109]	3.00 [1.36]	<u>BP88CS</u>	—	—	<u>PDF</u>
<u>DSCC100806HPL</u>	\$197.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	<u>BP108CS</u>	<u>BP108FG</u>	<u>BP108AL</u>	<u>PDF</u>
<u>DSCC121006HPL</u>	\$218.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	<u>BP1210CS</u>	<u>BP1210FG</u>	<u>BP1210AL</u>	<u>PDF</u>
<u>DSCC141206HPL</u>	\$300.00	15.49 x 13.86 x 6.31 [393 x 352 x 160]	8.00 [3.63]	<u>BP1412CS</u>	<u>BP1412FG</u>	<u>BP1412AL</u>	<u>PDF</u>
<u>DSCC161408HPL</u>	\$365.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	<u>BP1614CS</u>	<u>BP1614FG</u>	<u>BP1614AL</u>	<u>PDF</u>
Notes: Subpanels must be ordered separately. Dimensions in inches [millimeters]. Weight in pounds [kilograms]. Mounting foot kit <u>DSMGFTKIT</u> must be ordered separately.							

Diamond Shield Fiberglass Enclosures

Single-Door with Acrylic Window and Twist-Lock Latches



[DSW161408HLL](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- 304 stainless steel used on all external hardware
- Hinged cover with flush-bonded clear acrylic window, secured with two padlockable, twist-lock latches
- All bosses utilize threaded brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Full 180° door opening
- Abrasion-resistant acrylic material for maximum visibility
- Color: Gray

Listings

- UL/cUL 50/50E/ 508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66
[File E362920]
- Temperature Range body: -76°F to 274°F
[-60°C to 134°C]
- Temperature Range window: -26°F to 170°F
[-32°C to 76°C]
- Non-flame propagating
 - Flammability Rating body: UL94 V-5
 - Flammability Rating window: UL94-HB
 - Flame Spread classification: NFPA No. 101, Class A (1)



Diamond Shield Fiberglass Enclosures – Single-Door with Acrylic Window and Twist-Lock Latches

Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
<u>DSW100806HLL</u>	\$616.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	<u>BP108CS</u>	<u>BP108FG</u>	<u>BP108AL</u>	<u>PDF</u>
<u>DSW161408HLL</u>	\$616.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	<u>BP1614CS</u>	<u>BP1614FG</u>	<u>BP1614AL</u>	<u>PDF</u>
<u>DSW181610HLL</u>	\$683.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	<u>BP1816CS</u>	<u>BP1816FG</u>	<u>BP1816AL</u>	<u>PDF</u>

Notes: Subpanels must be ordered separately.
 Dimensions in inches [millimeters].
 Weight in pounds [kilograms].
 Mounting foot kit [DSMGFTKIT](#) must be ordered separately.

Diamond Shield Fiberglass Enclosures

Single-Door with Acrylic Window and Quick-Release Latches



[DSW100806HPL](#)

Construction

- Hot compression molded fiberglass reinforced polyester (thermoset)
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Chemical- and corrosion-resistant
- UV-resistant
- Rounded edges, minimal protrusions or exposed pocket prevents accumulation of dust or debris
- 304 stainless steel used on all external hardware
- Hinged cover with flush-bonded clear acrylic window, secured with two padlockable quick-release latches
- All bosses utilize threaded brass inserts accepting #10-32 screws for optional panel mounting
- 216 lb-in impact resistance per UL746C
- Full 180° door opening
- Color: Gray
- Abrasion resistant acrylic material for maximum visibility

Listings

- UL/cUL 50/50E/ 508A Types 1, 3, 3S, 12, 13, and 4X
[File E64358]
- UL1741 and ANSI/UL1703
[File E333478]
- CSA Certified Types 1, 3, 3S, 12, 13, and 4X
[File LR069014]
- NEMA Standard 250 Types 1, 3, 3S, 12, 13, and 4X
- IEC 60529 IP66
[File E362920]
- Flammability Rating: UL94 V-5V
- Flammability Rating window: UL94-HB
- Temperature Range: -76°F to 274°F
[-60°C to 134° C]
- Temperature Range window: -26°F to 170°F
[-32°C to 76°C]
 - Non-flame propagating
 - Flame Spread classification: NFPA No. 101, Class A (1)



Diamond Shield Fiberglass Enclosures Single-Door with Acrylic Window and Quick-Release Latches

Part Number	Price	Enclosure Overall Size HxWxD	Wt.	Carbon Steel Subpanel	Fiberglass Subpanel	Aluminum Subpanel	Drawing Link
<u>DSW100806HPL</u>	\$326.00	11.42 x 9.79 x 6.31 [290 x 249 x 160]	4.50 [2.04]	<u>BP108CS</u>	<u>BP108FG</u>	<u>BP108AL</u>	<u>PDF</u>
<u>DSW121006HPL</u>	\$360.00	13.45 x 11.83 x 6.31 [342 x 300 x 160]	6.00 [2.72]	<u>BP1210CS</u>	<u>BP1210FG</u>	<u>BP1210AL</u>	<u>PDF</u>
<u>DSW141206HPL</u>	\$497.00	15.44 x 13.86 x 6.34 [392 x 352 x 161]	8.00 [3.63]	<u>BP1412CS</u>	<u>BP1412FG</u>	<u>BP1412AL</u>	<u>PDF</u>
<u>DSW141208HPL</u>	\$654.00	15.44 x 13.86 x 8.34 [392 x 352 x 212]	8.00 [3.63]	<u>BP1412CS</u>	<u>BP1412FG</u>	<u>BP1412AL</u>	<u>PDF</u>
<u>DSW161408HPL</u>	\$655.00	17.58 x 15.96 x 8.34 [447 x 405 x 212]	11.50 [5.22]	<u>BP1614CS</u>	<u>BP1614FG</u>	<u>BP1614AL</u>	<u>PDF</u>
<u>DSW181610HPL</u>	\$670.00	19.77 x 18.15 x 10.34 [502 x 461 x 263]	16.00 [7.26]	<u>BP1816CS</u>	<u>BP1816FG</u>	<u>BP1816AL</u>	<u>PDF</u>

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

Weight in pounds [kilograms].

Mounting foot kit [[DSMGFTKIT](#)] must be ordered separately.