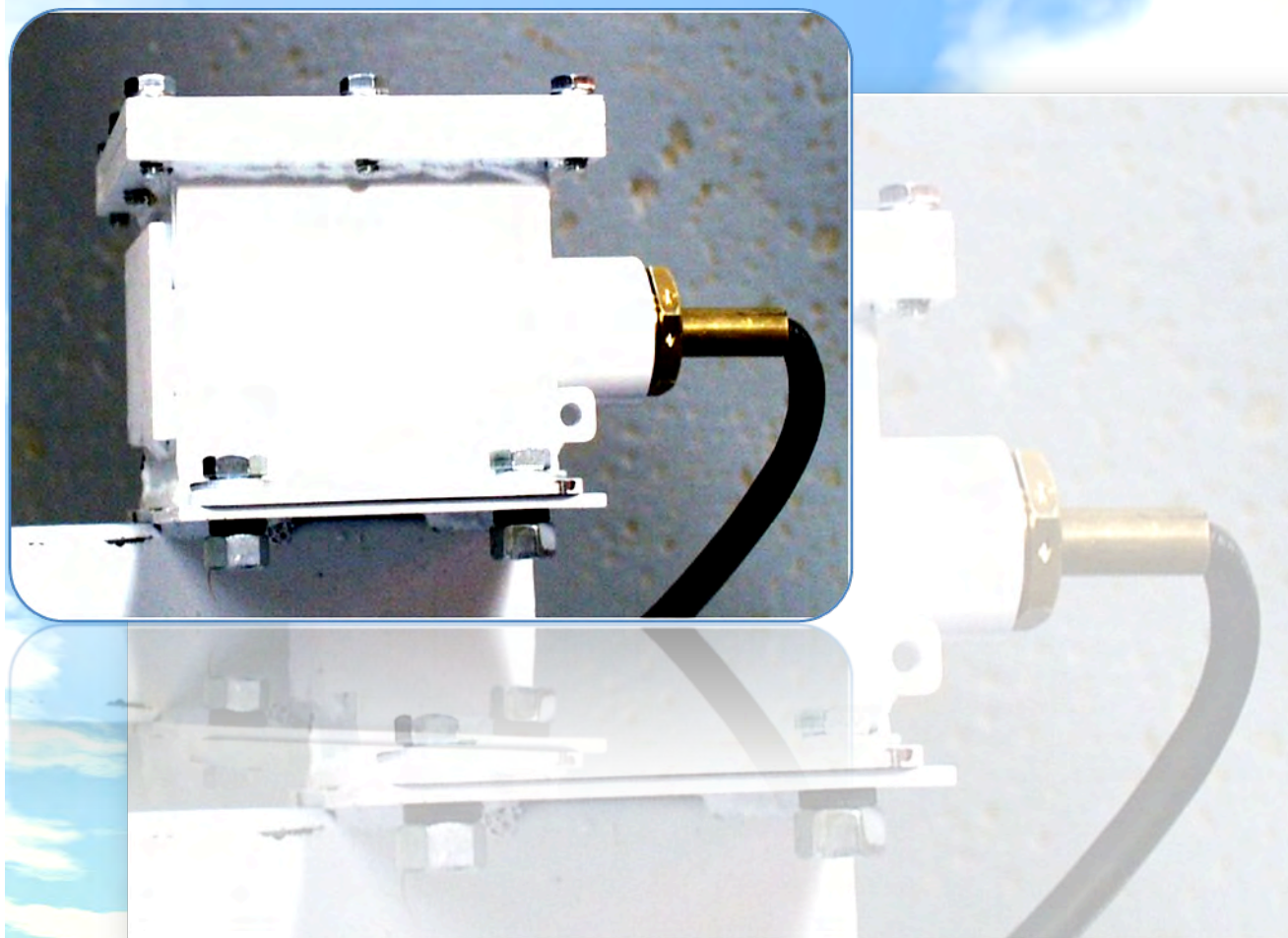




MSHA Approved

Explosion Proof Enclosures (XP's)



Stolar Horizon, Inc.

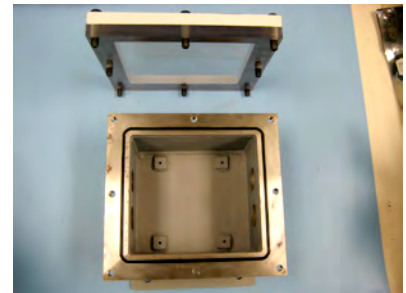
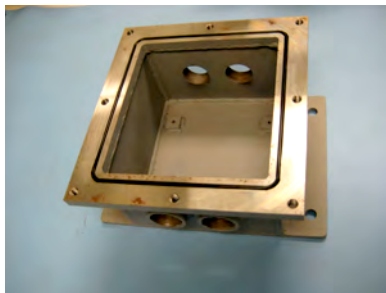
Product Catalog ◆

Explosion Proof Model HGU-3001

Description: Rectangular explosion proof enclosure with polycarbonate lens and retainer to shield electronics. It comes with (4) four entries on enclosure walls for removable tube-hose glands sizes 1/2" or 5/8" diameter (straight or bent 90°). Entries for glands can be modified to needs (add or subtract).

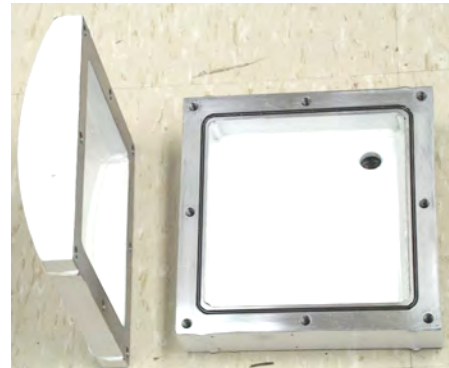
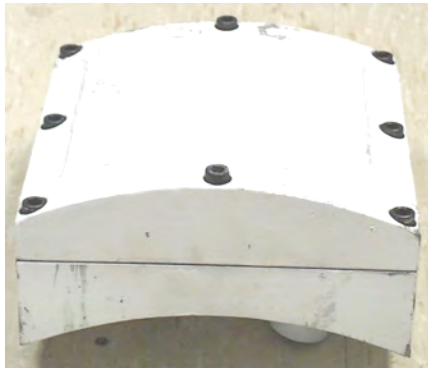
Enclosure Features: Dual mounting tabs on top and bottom of enclosure. Explosion proof box can mount vertically or horizontally on a surface with mounting brackets with an area of 11" x 11".

- **MSHA approval #: X/P-4167-0**
- MSHA evaluation # (PAR): 86583
- Inside dimensions: 6.7"(L) x 6.3" (W) x 4.5" (H)
- External dimensions: 9.3"(L) x 8.7" (W) x 5.9" (H)
- External dimensions with mounting brackets and entry gland: 11"(L) x 10.5"(W) x 5.9" (H)
- Weight: 57 lbs (26kg)
- Price: \$1,600.00 each
- Quantities in stock: 10



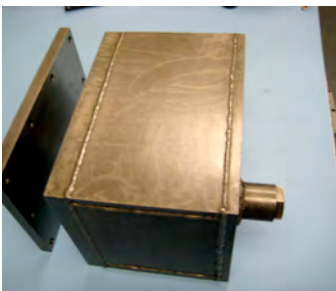
Explosion Proof Model HBU-3001

- Description: Square explosion proof enclosure with upper steel cover and lower steel section with single (1) entry gland. Explosion proof box is designed to store and shield our custom build lithium battery packs.
- Enclosure features: Our enclosure was designed to be installed on the outer surface of cutter drum between bit picks of underground continuous miner or shearer. Lower plate welds into drum and upper plate bolts to lower plate.
- **MSHA approval #: X/P-4173-0**
- MSHA evaluation # (PAR): 87005
- Inside dimensions: 6.7"(L) × 6.7"(W) × 1.5"(H)
- External dimensions: 9"(L) × 9"(W) × 2.5" (H) with 10.5" radius curvature
- Weight: 45 lbs (21 kg)
- Price: \$1,400.00 each
- Quantities in stock: 6
- Stolar Research Corp. also offers approved battery surge protectors (battery current trip boards)



Explosion Proof Enclosure Model HBU-3002

- **Description:** Rectangular explosion proof enclosure with 5/8" thick steel cover plate and single (1) entry gland located on bottom wall of enclosure. Entry cable port is a welded 1 1/8" inside diameter threaded gland for 1 1/8" outside diameter brass nut which holds the removable brass hose tube. Explosion proof is designed to shield our square lithium batteries.
- **Enclosure features:** Explosion proof box can be mounted vertically or horizontally into custom built base to support enclosure. Entry glands can be modified to needs (add or subtract).
- **MSHA approval #: X/P-4187-0**
- MSHA evaluation # (PAR): 88349
- Inside dimensions: 7.7" (L) × 4.7" (W) × 7" (H)
- External dimensions: 10.3" (L) × 7.3" (W) × 8.3" (H)
- External dimensions: 10.3" (L) × 7.3" (W) × 10.5" (H) with gland attached
- Weight: 75
- Price: \$1,300 each
- Quantities in stock: 4



**Explosion Proof
Enclosure Model**

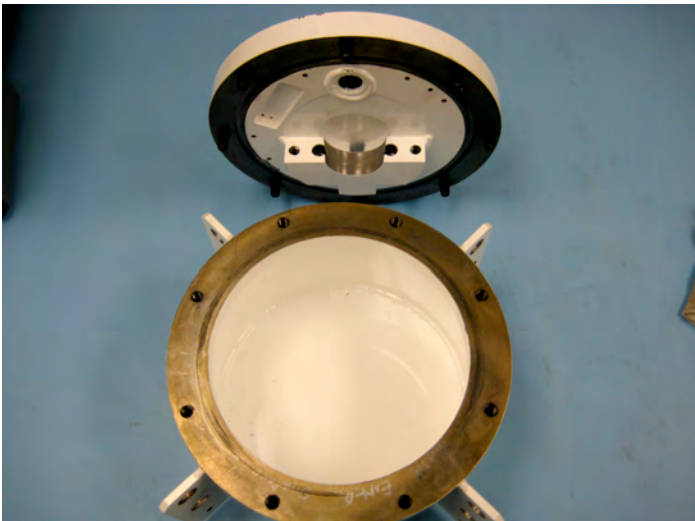


HPU-3001

- **Description:** Two-piece, round, explosion proof enclosure with a 1" thick steel cover plate. This enclosure is specifically designed to mount and protect our power generator. It can also serve to shield other electronics which will fit to internal dimensions.

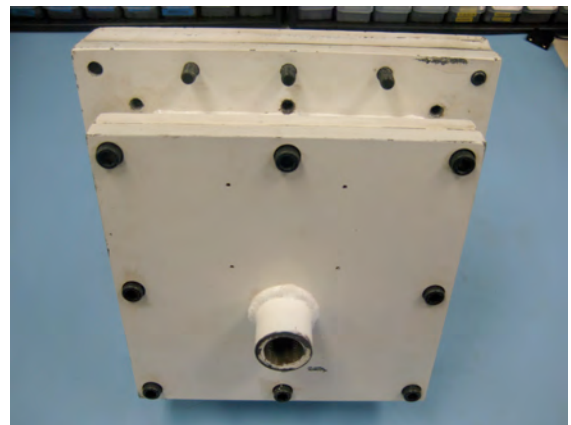
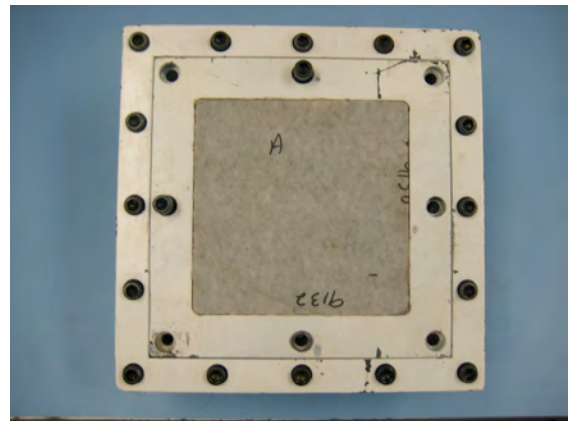
- **Enclosure features:** The two-piece enclosure has the single (1) entry port on the cover plate. Also, the MSHA approved flame path is located on the cover plate side. This cylindrical explosion proof enclosure also comes with radial mounting brackets attached.

- **MSHA approval #: X/P-4163-0**
- MSHA evaluation # (PAR): 87249
- Internal dimensions: 7.7" diameter × 5.3" (H)
- External dimensions: 9.5" diameter × 6.85" (H)
- External dimensions with mounting brackets and gland: 13.5" diameter × 10.5" (H)
- Weight: 65 lbs
- Price: \$1,800.00 each
- Quantities in stock: 4



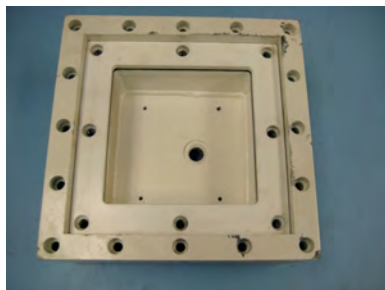
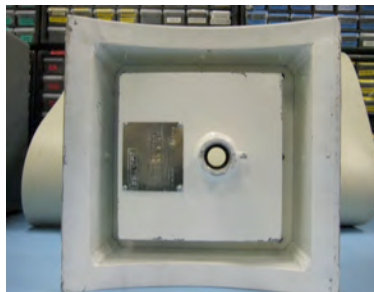
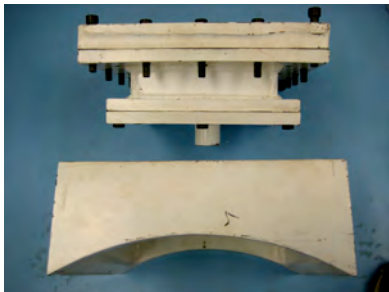
Explosion Proof Model HSU-3001

- Description: Square explosion proof enclosure with removable polycarbonate lens and retainer. Enclosure is designed with single (1) or double (2) entry ports located on the bottom of the box. The enclosure is designed to mount and protect our electronics.
- Enclosure features: A three (3) piece enclosure with complete hardware to be installed on the surface of the cutter drum or other surface areas.
- **MSHA approval #: X/P-4168-0**
- MSHA evaluation # (PAR): 86727
- Inside dimensions: 9.3"(L) × 9.3"(W) × 2.8"(H)
- External dimensions: 11.2"(L) × 11.2"(W) × 2.8"(H)
- Weight: 65 lbs
- Price: \$1,400.00 each
- Quantities in stock: 2



Explosion Proof Enclosure Model HSU-3002

- Description: Square explosion proof enclosure with removable polycarbonate lens and retainer. Enclosure is designed with single (1) or double (2) entry cable glands located on bottom of explosion proof box.
- Enclosure features: A three (3) piece enclosure with complete hardware and radius mounting base (optional).
- **MSHA approval #: X/P-4169-0**
- MSHA evaluation #: 86888
- Internal dimensions: 9.3"(L) × 9.3"(W) × 2.8"(H)
- External dimensions: 11.2"(L) × 11.2"(W) × 4.5" (H)
- Weight: 88 lbs
- Price: \$1,500.00 each
- Quantities in stock: 2



Explosion Proof Model CBI-3001

- **Description:** Square explosion proof enclosure with 1/4" thick steel plate and single (1) entry cable gland located on one side of the wall. Explosion proof box is designed to store and protect electronics.

- **Enclosure features:** Two piece explosion proof enclosure with MSHA approved flame path. There is no need for an O-ring for this specific box. It can be mounted vertically or horizontally with its two (2) existing mounting tabs located on lower sides of enclosure.

- **MSHA approval #: X/P-4175-0**
- MSHA evaluation # (PAR): 87409
- Inside dimensions: 3.1"(L) × 3.1"(W) × 3"(H)
- External dimensions: 4.7"(L) × 4.7"(W) × 3.6"(H)
- External dimensions: 6.2"(L) × 4.7"(W) × 3.6"(H) with attached gland
- Weight: 12 lbs (5.5 kg)
- Price: \$800.00 each
- Quantities in stock: 5

